Environment Canada | Environnement Canada

Historical Streamflow Summary

Yukon and Northwest Territories

Sommaire chronologique de l'écoulement

Yukon et Territoires du Nord-Ouest

TO/JUSQU'À **1986**

INLAND WATERS DIRECTORATE
WATER RESOURCES BRANCH
WATER SURVEY OF CANADA
OTTAWA, CANADA, 1988

DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES
DIRECTION DES RESSOURCES EN EAU
DIVISION DES RELEVÉS HYDROLOGIQUES DU CANADA
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PREFACE

This publication was prepared by personnel of the Water Survey of Canada Division under the direction of the Director, Water Resources Branch, Department of the Environment, Ottawa.

The basic data were collected and compiled under the supervision of the Chief, N.W.T. Programs, Yellowknife, N.W.T. and the Regional Chief of the Water Resources Branch at Vancouver, British Columbia.

The co-operation received from provincial agencies and from other organizations is gratefully acknowledged.

PRÉFACE

La Division des relevés hydrologiques du Canada, sous l'autorité du Directeur des ressources en eau du ministère de l'Environnement (Ottawa), a préparé la présente publication.

On a recueilli et compilé les données de base sous la supervision Chef des programmes des T.N.-O. Yellowknife (T.N.-O.) et du Chef régional de la Direction des ressources en eau, à Vancouver (Colombie-Britannique).

On remercie vivement les organismes provinciaux, ou autres, pour la coopération qu'ils ont apportée.

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INTRODUCTION

The Water Resources Branch of the Department of the Environment herein presents a summary of monthly and annual mean discharges and annual extremes of discharge for rivers in the Yukon and Northwest Territories for which streamflow data to 1986 inclusive have been collected by the Water Survey of Canada. This edition supersedes all previous editions.

A program for the collection and publication of Surface Water Data has been carried on across Canada for over 75 years. The results of these hydrometric survey investigations have been published annually.

Discharge data are available on punched cards or magnetic tape for computer processing. These data and details on individual stations and related records, as well as recent data which have not yet been published may be obtained upon application to:

Chief, N.W.T. Programs,
Inland Waters Directorate,
Department of the Environment,
P.O. Box 2970,
Yellowknife, N.W.T.
X1A 2R2
(403 920-8500)

Regional Chief,
Water Resources Branch,
Department of the Environment,
Room 502,
1001 West Pender Street,
Vancouver, B.C.
V6E 2M9
(604 666-3606)

or to the Director, Water Resources Branch, Department of the Environment, Ottawa, Ontario, K1A 0H3 (819 997-1508).

INTRODUCTION

La Direction des ressources en eau du ministère de l'Environnement présente un sommaire des moyennes mensuelles et annuelles de l'écoulement et des extrêmes annuels de cours d'eau du Yukon et des Territoires du Nord-Ouest, pour lesquels la Division des relevés hydrologiques du Canada a obtenu des données jusqu'en 1986 inclusivement. La présente publication annule toutes les éditions antérieures.

La cueillette et la publication de données sur les eaux de surface sont en oeuvre depuis plus de 75 années au Canada. Les données obtenues à partir des relevés hydrométriques sont publiées annuellement.

On peut se procurer les données sur l'écoulement sous forme de cartes perforées ou de rubans magnétiques pour traitement sur ordinateur. En s'adressant aux endroits ci-après, on peut obtenir ces données, des renseignements supplémentaires sur certaines stations particulières et divers relevés ainsi que des données récentes non encore publiées:

Chef des programmes des T.N.-O.
Direction générale des eaux intérieures
Ministère de l'Environnement
C.P. 2970
Yellowknife (T.N.-O.)
X1A 2R2
(403 920-8500)

Chef régional
Direction des ressources en eau
Ministère de l'Environnement
502 - 1001, rue Pender ouest
Vancouver (C.-B.)
V6E 2M9
(604 666-3606)

ou au Directeur, Direction des ressources en eau, ministère de l'Environnement, Ottawa (Ontario), K1A 0H3 (819 997-1508).

ORGANIZATION AND HISTORY OF HYDROMETRIC SURVEY OPERATIONS

Hydrometric surveys in the Yukon and Northwest Territories were conducted by the Water Survey of Canada under agreement with the Department of Indian Affairs and Northern Development.

In the Northwest Territories information on water levels is available at a few locations primarily in connection with navigation as early as 1934, but it was not until 1944 that the Dominion Water and Power Bureau of the federal government started a regular hydrometric survey program. Similarly, in the Yukon Territories, some early records are available, the earliest being in 1902 on the Yukon River, collected by the navigation company, but it was not until 1944 that regular hydrometric work was started by the federal government. On April 1, 1975 by an exchange of letters the Ministers of Fisheries and the Environment and Indian Affairs and Northern Development agreed to share the cost of hydrometric survey programs for the Yukon and Northwest Territories. The agreements provide that the Water Survey of Canada will conduct the hydrometric surveys and that Co-ordinating Committees for the Yukon and Northwest Territories will review and plan the survey network.

CO–OPERATION AND ACKNOWLEDGMENTS

Co-operative undertakings with other agencies form an important part of the activities of the Water Survey of Canada. Close co-operation has been maintained with public agencies and private organizations concerned with water resources. Runoff and other data have been mutually exchanged and stream-gauging operations have been facilitated by the assistance received from a number of organizations.

On waters adjacent to the International Boundary, certain gauging stations are maintained by Canada (or the United States) under agreement with the United States (or Canada) and the records are collected and compiled in a manner equally acceptable to both countries. These stations are designated as "International Gauging Stations" in this publication.

For the valuable assistance and co-operation received in obtaining hydrometric survey records, the Water Survey of Canada is indebted to many organizations.

The names of these organizations are given in the Surface Water Data Reference Index and the annual Surface Water Data publications. The names of agencies who have contributed data for publication are identified herein under individual stations.

ORGANISATION ET HISTORIQUE DES RELEVÉS HYDROMÉTRIQUES

La Division des relevés hydrologiques du Canada a effectué des relevés hydrométriques au Yukon et dans les Territoires du Nord-Ouest en vertu d'un accord conclu avec le ministère des Affaires indiennes et du Nord.

Dans les Territoires du Nord-Ouest, les premiers relevés sur les niveaux d'eau, qui découlent des opérations de navigation en certains endroits, datent de 1934; le Bureau fédéral de l'eau et de l'énergie n'a entrepris son programme continu d'observations qu'en 1944. De façon analogue, c'est en 1944 que le gouvernement fédéral a mis sur pied un programme permanent de mesures au Yukon; toutefois, certains relevés antérieurs sont disponibles et les premiers datent de 1902 alors que la compagnie de navigation effectuait des lectures sur le fleuve Yukon. Le 1er avril 1975, par un échange de lettres, les Ministres des Pêches et de l'Environnement et des Affaires indiennes et du Nord ont accepté de partager le coût des relevés hydrométriques au Yukon et dans les Territoires du Nord-Ouest. Selon les dispositions prises, la Division des relevés hydrologiques du Canada dirigera les relevés hydrométriques tandis que les Comités de coordination pour le Yukon et les Territoires du Nord-Ouest s'occuperont de la révision des relevés et de la planification du réseau de mesures.

COOPÉRATION ET REMERCIEMENTS

Le travail entrepris en coopération avec d'autres organismes représente une partie importante des activités de la Division des relevés hydrologiques du Canada. On a maintenu une étroite collaboration avec les organismes, publics ou privés, qui s'intéressent aux ressources en eau. On a échangé des données portant sur l'écoulement ou sur d'autres points, et l'assistance fournie par beaucoup d'organismes a facilité les opérations de jaugeage.

Pour ce qui est des eaux adjacentes à la frontière internationale, certaines stations de jaugeage dépendent du Canada (ou des États-Unis) suite à un accord avec les États-Unis (ou le Canada), et les relevés sont faits et compilés de façon à satisfaire les deux pays. Ces stations sont nommées «Stations internationales de jaugeage».

La Division des relevés hydrologiques du Canada est redevable à maints organismes de l'aide et de la collaboration précieuses qu'ils lui ont apportées lors de la prise des relevés hydrométriques.

On trouvera les noms des organismes dans l'*Index de référence des données sur les eaux de surface* et dans les publications annuelles des *Données sur les eaux de surface*. Les noms des organismes qui ont fourni des données apparaissent dans la présente publication sous les stations particulières.

EQUIVALENTS OF MEASURE

The following list of convenient equivalents of measure includes the relationship between imperial units and the International System of Units (SI).

1 inch equals 2.54 cm (centimetres)
1 foot equals 0.3048 m (metre)
1 statute mile equals 1.6093 km (kilometres)

1 cm (centimetre) equals 0.393 70 inch
1 m (metre) equals 3.2808 feet
1 km (kilometre) equals 0.621 37 mile

1 acre equals 43 560 square feet
1 acre equals 0.404 69 ha (hectare)
1 square mile equals 640 acres
1 square mile equals 2.5900 km^2 (square kilometres)
1 square mile equals 259.0 ha (hectares)

1 ha (hectare) equals 10 000 m^2 (square metres)
1 ha (hectare) equals 2.4710 acres
1 km^2 (square kilometre) equals 0.386 10 square mile

1 cubic foot equals 6.2288 imperial gallons
1 imperial gallon equals 4.546 09 L (litres)
1 imperial gallon equals 1.2010 U.S. gallons
1 U.S. gallon equals 0.133 68 cubic foot
1 cubic foot equals 0.028 317 m^3 (cubic metre)
1 m^3 (cubic metre) equals 35.315 cubic feet
1 dam^3 (cubic decametre) equals 1000 m^3 (cubic metres)
1 dam^3 (cubic decametre) equals 1 mm (millimetre) over 1 km^2 (square kilometre)

1 cubic foot per second for one day equals 1.9835 acre-feet
1 cubic foot per second for one day covers one square mile to a depth of 0.037 19 inch
1 acre-foot equals 1.2335 dam^3 (cubic decametres)
1 m^3/s (cubic metre per second) for one day equals 86.4 dam^3 (cubic decametre)
1 m^3/s (cubic metre per second) for one day covers one square kilometre to a depth of 0.0864 m (metre)

1 foot per second equals 0.6818 mile per hour
1 mile per hour equals 1.467 feet per second
1 m/s (metre per second) equals 3.6 km/h (kilometre per hour)
1 km/h (kilometre per hour) equals 0.2778 m/s (metre per second)

1 cubic foot per second equals 0.028 317 m^3/s (cubic metre per second)
1 m^3/s (cubic metre per second) equals 35.315 cubic feet per second

1 pound equals 0.453 59 kg (kilogram)
1 kg (kilogram) equals 2.2046 pounds

1 short ton (2000 pounds) equals 0.907 18 t (tonne)
1 t (tonne) equals 2204.6 pounds

degrees Celsius = 5/9 (degrees Fahrenheit - 32)
degrees Fahrenheit = 9/5 (degrees Celsius) + 32

ÉQUIVALENCES DES UNITÉS DE MESURE

Voici une liste des unités de mesure impériales et leurs équivalences dans le Système international d'unités (SI).

1 pouce vaut 2.54 cm (centimètres)
1 pied vaut 0.3048 m (mètre)
1 mille terrestre équivaut à 1.6093 km (kilomètre)

1 cm (centimètre) équivaut à 0.393 70 pouce
1 m (mètre) équivaut à 3.2808 pieds
1 km (kilomètre) équivaut à 0.621 37 mille

1 acre vaut 43 560 pieds carrés
1 acre équivaut à 0.404 69 ha (hectare)
1 mille carré vaut 640 acres
1 mille carré équivaut à 2.5900 km^2 (kilomètres carrés)
1 mille carré équivaut à 259.0 ha (hectare)

1 ha (hectare) vaut 10 000 m^2 (mètres carrés)
1 ha (hectare) équivaut à 2.4710 acres
1 km^2 (kilomètre carré) équivaut à 0.386 10 mille carré

1 pied cube équivaut à 6.2288 gallons impérials
1 gallon impérial vaut 4.546 09 L (litres)
1 gallon impérial équivaut à 1.2010 gallon américain
1 gallon américain équivaut à 0.133 68 pied cube
1 pied cube vaut 0.028 317 m^3 (mètre cube)
1 m^3 (mètre cube) vaut 35.315 pieds cubes
1 dam^3 (décamètre cube) vaut 1000 m^3 (mètres cubes)
1 dam^3 (décamètre cube) vaut 1 mm (millimètre) qui couvre 1 km^2 (kilomètre carré)

1 pied cube par seconde pendant un jour équivaut à 1.9835 acre-pied
1 pied cube par seconde pendant un jour équivaut à un volume d'un mille carré par 0.037 19 pouce
1 acre-pied équivaut à 1.2335 dam^3 (décamètres cubes)
1 m^3/s (mètre cube par seconde) pour un jour vaut 86.4 dam^3 (décamètre cube)
1 m^3/s (mètre cube par seconde) pour un jour couvre un kilomètre carré à une profondeur de 0.0864 m (mètre)

1 pied par seconde équivaut à 0.6818 mille par heure
1 mille par heure équivaut à 1.467 pied par seconde
1 m/s (mètre par seconde) vaut 3.6 km/h (kilomètre par heure)
1 km/h (kilomètre par heure) vaut 0.2778 m/s (mètre par seconde)

1 pied cube par seconde équivaut à 0.028 317 m^3/s (mètre cube par seconde)
1 m^3/s (mètre cube par seconde) équivaut à 35.315 pieds cubes par seconde

1 livre équivaut à 0.453 59 kg (kilogramme)
1 kg (kilogramme) équivaut à 2.2046 livres

1 tonne courte (2000 livres) équivaut à 0.907 18 t (tonne)
1 t (tonne) équivaut à 2204.6 livres

degrés Celsius = 5/9 (degrés Fahrenheit - 32)
degrés Fahrenheit = 9/5 (degrés Celsius) + 32

DEFINITION OF TERMS AND ABBREVIATIONS

"Control" is the condition downstream from a gauging station that determines the stage-discharge relationship. It may be a stretch of rapids, a weir or other artificial structure. In the absence of such features, the control may be a less obvious condition such as a convergence of the channel or even simply the resistance to flow through a downstream reach. A shifting control exists where the stage-discharge relationship tends to change because of impermanent bed or banks.

"Cubic metres per second" (m3/s) is a unit expressing rate of discharge. One cubic metre per second is equal to one cubic metre of water flowing past a particular point in one second. This is the basic unit in general use, other units being computed from it by the use of factors as given in the previous paragraph under "Equivalents of Measure".

"Gauging station" is a location where systematic records of stage or stage and discharge are obtained.

"Miscellaneous (or related) data" is all data not published in the regular series of hydrometric and sediment data publications such as unpublished water levels and the various parameters that are measured in obtaining discharge measurements, e.g. water depth, velocity, width, air and water temperatures, ice thickness. This also includes discharge measurements and water level and sediment observations obtained at locations which are not regular gauging stations. Various types of "derived" data could also be considered "miscellaneous", such as water levels and discharges at selected time intervals (usually hourly).

"Stage-discharge relationship" is the relation between the water level and the discharge at a gauging station.

PUBLICATION OF SURFACE WATER AND SEDIMENT DATA

Surface Water Data have been published in a variety of formats in imperial units since 1908 in approximately 300 publications which are now mostly out-of-print. Commencing with the 1979 publications, data are presented in the International System of Units (SI). However, the format has remained the same wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province(s) or territories covered and the year in which data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically, with two years of data per page.

The first edition of a *Surface Water Data Reference Index* was published for data to 1966 by province or region. Subsequent editions were published annually or biennially in one publication for Canada. Commencing with the 1979 publication, data are

DÉFINITIONS DES TERMES ET ABRÉVIATIONS

«Élément régulateur» – élément qui conditionne l'écoulement en aval d'une station de jaugeage et qui détermine la relation hauteur-débit au niveau de la station. Ce peut être une série de rapides, un déversoir ou toute autre structure artificielle. En l'absence de ces structures, l'élément régulateur peut provenir d'une condition moins apparente comme le rétrécissement d'un chenal ou simplement la résistance à l'écoulement d'un tronçon situé en aval. Il y a élément régulateur changeant quand la relation hauteur-débit tend à être modifiée par un lit ou des rives instables.

«Mètres cubes par seconde» (m^3/s) – unité du taux d'écoulement. Un mètre cube par seconde équivaut à un mètre cube d'eau s'écoulant en un point donné en une seconde. C'est l'unité de base généralement employée, les autres unités dérivées à partir de celle-ci sont données sous la rubrique «Équivalences des unités de mesure».

«Station de jaugeage» – lieu où l'on effectue des relevés systématiques de la hauteur ou de la hauteur et du débit de l'eau.

«Les données diverses (ou connexes)» – représentent toutes les données qui ne sont pas publiées dans les séries régulières des publications sur les données hydrométriques et les sédiments, par exemple celles des niveaux des eaux et des autres paramètres qui sont mesurés en même temps que le débit, soit la profondeur de l'eau, sa vitesse, son étendue, la température de l'eau et de l'air, l'épaisseur de la glace. Les mesures de débit ainsi que les observations sur les niveaux des eaux et les sédiments, obtenues à des emplacements autres que les stations régulières de jaugeage, sont aussi incluses. D'autres types de données «dérivées» pourraient aussi être classées dans cette catégorie de données «diverses», à savoir les niveaux des eaux et les débits observés à des intervalles de temps précis (en général, toutes les heures).

«Relation hauteur-débit» – relation qui existe entre la hauteur et le débit au niveau d'une station de jaugeage.

PUBLICATION DES DONNÉES SUR LES EAUX DE SURFACE ET LES SÉDIMENTS

Depuis 1908, les *Données sur les eaux de surface* ont été publiées, en utilisant diverses formules et en ayant recours au système d'unités impériales, dans quelque 300 publications lesquelles sont pour la plupart épuisées. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Toutefois, la présentation est toujours la même, c'est-à-dire que le Canada est divisé en huit régions. Chaque province représente une région distincte sauf le Nouveau-Brunswick, la Terre-Neuve, la Nouvelle-Écosse et l'Île du Prince-Édouard qui constituent la région des provinces de l'Atlantique, comme c'est le cas aussi pour le Yukon et les Territoires du Nord-Ouest qui sont réunis en une seule région. Les publications sont identifiées par le nom des provinces ou territoires concernés et par l'année de la cueillette des données. Les données sont publiées annuellement, en fonction de l'année civile, et les stations sont classées par ordre alphabétique, chaque page de données couvrant deux années.

La première édition de l'*Index de référence des données sur les eaux de surface* comprenait les données disponibles jusqu'en 1966, de chaque province ou région. Les éditions subséquentes étaient publiées annuellement ou tous les deux ans en une seule publication

presented in the International System of Units (SI) and published every two years. Gauging stations are listed by province or territory, in upstream to downstream order. Coloured maps showing the locations of both active and discontinued stations were included in the first and second editions and were provided in a separate Hydrometric Map Supplement to the 1972 and the 1977 editions. The latest editions of the Reference Index and the Hydrometric Map Supplement supersede all previous editions.

The first edition of a publication series titled *Historical Streamflow Summary* was produced for data to 1970. Subsequent editions have been published every three years. This publication series contains a summary of historical monthly and annual mean discharges and annual extremes for the entire period of record for all stations where streamflow data have been collected during the history of the Water Survey of Canada. Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1982 will be published every two years. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

The first edition of a publication series titled *Historical Water Levels Summary* was produced for data to 1976. This publication series contains a summary of historical monthly and annual mean water levels and annual extremes for the period of record for all stations on lakes or reservoirs where water level data have been collected during the history of the Water Survey of Canada. It also contains a summary of water level data for all stations on rivers where "water levels only" were collected or for certain stations on rivers where streamflow data are collected, but the historical water level information is considered to be of sufficient demand to warrant inclusion in the publication (daily water levels for stations where streamflow data are collected are not normally published in the annual Surface Water Data publications). Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1983 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

During the years 1948 to 1960, some sediment data were collected for several Prairie rivers to meet the needs of particular projects. The first Paper containing sediment data incorporates a selection of these data and also data for part of the year ending September 30, 1961, at stations established for the continuing program. The second issue is a biennial publication covering only the continuing program for the 1962 and 1963 water years. All subsequent editions titled ***Sediment Data Canadian Rivers*** were published annually. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI).

Commencing with 1984, the *Sediment Data* are presented and published in a new format wherein Canada is divided into eight regions. The provinces each represent a separate region except for

pour tout le Canada. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les deux ans. Les stations de jaugeage sont présentées par province ou territoire et placées dans l'ordre de leur position, d'amont en aval. Des cartes en couleurs, qui indiquent l'emplacement des stations hydrométriques en service, y compris celles qui ne le sont plus, ont paru dans les première et deuxième éditions ainsi que dans le *Supplément de cartes hydrométriques* de 1972 et de 1977. L'édition la plus récente de l'*Index de référence* et celle du *Supplément de cartes hydrométriques* annulent les éditions antérieures.

La première édition d'une série de publications intitulée *Sommaire chronologique de l'écoulement* renfermait les données disponibles jusqu'en 1970. Les éditions subséquentes étaient publiées tous les trois ans. Cette série de publications renferme un résumé des moyennes mensuelles et annuelles des débits ainsi que les débits extrêmes annuels pour toute la période d'enregistrement et pour toutes les stations où des données de débit sont recueillies par la Division des relevés hydrologiques du Canada. Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1982 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

La première édition d'une série de publications intitulée *Sommaire chronologique des niveaux d'eau* comprenait les données disponibles jusqu'en 1976. Cette série de publications contient un résumé des niveaux moyens mensuels et annuels ainsi que des niveaux extrêmes annuels pour la période d'enregistrement pour toutes les stations de lacs ou de réservoirs où des données sur les niveaux d'eau sont recueillies par la Division des relevés hydrologiques du Canada. Elle renferme également un résumé des niveaux d'eau pour toutes les stations de rivières effectuant «uniquement» des relevés de niveaux d'eau ou pour certaines stations de rivières où des données de débit sont recueillies de même que des données sur les niveaux d'eau qui peuvent répondre aux besoins des utilisateurs (en général, les niveaux d'eau quotidiens de stations effectuant des relevés de débit ne sont pas publiées dans les publications annuelles des données sur les eaux de surface). Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1983 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

De 1948 à 1960, on avait recueilli des données pour plusieurs cours d'eau des Prairies en prévision de la réalisation de certains projets. La première publication contenait un choix de ces données ainsi que d'autres, recueillies en 1961 avant le 30 septembre par des stations établies pour la réalisation du programme permanent. La deuxième publication portait sur les données recueillies dans le cadre du programme, au cours des années hydrologiques 1962 et 1963. Toutes les éditions subséquentes intitulées *Données sur les sédiments de rivières canadiennes* étaient publiées annuellement. À partir de 1978, les données sont fournies dans le Système international d'unités (SI).

En 1984, la présentation des données a été modifiée. Le Canada a été divisé en huit régions, une région pour chaque province, sauf le Nouveau-Brunswick, Terre-Neuve, la Nouvelle-Écosse et

New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island, which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province or territories covered and the year in which the data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically.

The first edition of a *Sediment Data Reference Index* was published for data to 1972. It contains a tabulation of locations where sediment data in Canada were collected by the Water Survey of Canada. The index has been subdivided alphabetically by province or territory, with sediment survey stations listed alphabetically. Commencing with the 1978 publication, data are presented in the International System of Units (SI) and will continue to be published every two years. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

The first edition of a new publication series titled *Historical Sediment Data Summary for Canadian Rivers* was produced for data to 1974. This publication contains a summary of historical monthly and annual mean suspended sediment load, and annual extremes of daily suspended sediment concentration and loads and total annual suspended load. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI). This publication has been discontinued, as much of the information is now included in the new annual *Sediment Data* publication.

EXPLANATION OF HISTORICAL STREAMFLOW SUMMARY PUBLICATION

A. General Description

Descriptive information about a gauging station is given herein below the table of monthly and annual mean discharges. This refers to such items as latitude and longitude, drainage area and whether the flow is natural or regulated (the year that regulation began is given, if known); International Gauging Stations are identified and the names of co-operating agencies who supply data are given; unusual conditions are explained under "Remarks".

This descriptive information (except the "Remarks" statement) is also given in the Surface Water Data Reference Index and the annual Surface Water Data publications. However, these two publications contain additional information not given herein such as the type of gauge, period of record and other pertinent remarks. Historical streamflow data as contained herein are published by province or region and also in alphabetical order as in the annual Surface Water Data publications. However, the Historical Streamflow Summary publications contain data for both active and discontinued streamflow stations and do not contain any water level data. These publications will be published every two years and will contain data for all streamflow stations for the entire period of record not just the data for the intervening two years.

l'Île-du-Prince-Édouard qui, ensemble, forment la région des provinces de l'Atlantique, et les Territoires du Yukon et du Nord-Ouest, qui forment une autre région. Les publications sont nommées selon la région couverte et l'année des données (année civile). Ces publications sont annuelles. Les stations y sont présentées par ordre alphabétique.

La première édition de l'*Index de référence des données sur les sédiments* renfermait les données disponibles jusqu'en 1972. Elle comprenait une mise en tableaux des emplacements où des données sur les sédiments sont recueillies au Canada par la Division des relevés hydrologiques. L'Index est subdivisé alphabétiquement par province ou territoire et les stations de relevés des sédiments sont classées en ordre alphabétique. À partir de 1978, les données sont fournies dans le Système international d'unités (SI) et sont publiées tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

La première édition d'une nouvelle série de publications intitulée *Sommaire chronologique des données sur les sédiments de rivières canadiennes* renfermait les données disponibles jusqu'en 1974. Cette série présente un résumé des moyennes mensuelles et annuelles de la charge de sédiments en suspension, des extrêmes annuels de la concentration quotidienne et de la charge quotidienne des sédiments en suspension, ainsi que de la charge totale annuelle des sédiments en suspension. À partir de 1978, les données sont fournies dans le Système international d'unités (SI). Cette série a été abandonnée, car une bonne partie de l'information est maintenant contenue dans la nouvelle publication annuelle intitulée *Données sur les sédiments*.

EXPLICATION DU *SOMMAIRE CHRONOLOGIQUE DE L'ÉCOULEMENT*

A. Description générale

Sous ce titre on trouve les renseignements descriptifs pour une station de relevés de l'écoulement, qui sont fournis après l'extrait des moyennes mensuelles et annuelles. Il s'agit de la latitude et de la longitude; de la superficie du bassin versant; du débit reconnu comme naturel ou régularisé (on indique l'année où la régularisation a débuté, si elle est connue); des stations internationales de jaugeage et des noms des organismes ayant fourni des données ainsi que des précisions sur les conditions spéciales qui prévalaient à la station (elles figurent dans les «Remarques»).

On trouvera également ces renseignements descriptifs (sauf les «Remarques») dans l'*Index de référence des données sur les eaux de surface* et dans les publications annuelles des *Données sur les eaux de surface*. Cependant, ces dernières traitent d'information additionnelles telles que du type de jauge, de la période d'enregistrement et d'autres remarques pertinentes. Les données historiques sur l'écoulement, qui sont contenues dans la présente publication, sont subdivisées en ordre alphabétique selon les provinces ou les territoires comme pour les publications annuelles des *Données sur les eaux de surface*. Par contre, le *Sommaire chronologique de l'écoulement* contient des données non seulement de stations en opération, mais aussi de stations qui ne le sont plus; aucune donnée sur le niveau des eaux n'est toutefois fournie. Cette publication paraîtra tous les deux ans et portera sur les données de toutes les stations de relevés de l'écoulement pour toute la période d'enregistrement plutôt que sur les données qui ne couvrent que les deux années.

B. Method of Tabulation of Data

For gauging stations where systematic streamflow data have been obtained, the following are given for the period of record to 1986 inclusive:

1. Summary of monthly and annual mean discharges;
2. Annual maximum instantaneous discharges;
3. Annual maximum and minimum daily discharges;
4. Identification of the extreme recorded for the period of record;
5. Annual total discharge in cubic decametres.

The following standard symbols are used opposite the daily discharge to which they apply. These symbols will not appear opposite the monthly and annual mean discharges, but will appear with the annual maximum instantaneous value and the annual maximum and minimum daily values, if applicable:

A – Manual Gauge – indicates that one or more manual gauge observations per day were obtained and used as the mean for the day for a gauging station equipped with a recording gauge during that particular year. A station may have several periods of recording or manual gauges throughout its history. For more details concerning the type of gauge operated during the period of record, the *Surface Water Data Reference Index* should be consulted. This symbol is used during open-water periods only.

B – Ice Conditions – indicates that for a gauging station where discharge data are obtained the presence of ice has affected the stage-discharge relationship.

E – Estimated – indicates any estimated data. It indicates that the value was determined by some indirect method such as interpolation, extrapolation, estimation from a graph of observed readings, comparison with other streams or by comparison with meteorological data.

R – Revised – indicates that a revision, correction or addition has been made to the historical discharge data base after January 1, 1986.

1. *The summary of monthly and annual mean discharge* gives:

(a) the monthly mean in cubic metres per second for each month for which there is a complete month of daily discharges. Records of daily discharges for partial months, if obtained, are published in annual publications or are available from the Regional Chief;

(b) the annual mean discharge in cubic metres per second if there are daily discharges for the complete year. In some cases a mean discharge is computed for a standard period within the year, say March to October. This is then computed for all the years for which there are daily discharge records from March to October, if there are also records for other months, say January to October, the mean is given for March to October only;

B. Présentation sous forme de tableaux des données

Pour les stations où on a effectué un relevé systématique de l'écoulement, les données suivantes sont présentées pour la période d'enregistrement allant jusqu'en 1986 inclusivement:

1. Un extrait des moyennes mensuelles et annuelles;
2. Un tableau des valeurs annuelles maximales instantanées;
3. Un tableau des valeurs quotidiennes maximale et minimale annuelles;
4. Un tableau des valeurs extrêmes enregistrées pour toute la periode d'observation;
5. Un résumé de l'écoulement annuel total en décamètres cubes.

Les symboles normalisés donnés ci-après sont inscrits à côté des débits quotidiens auxquels ils se rapportent. Les symbols ne sont fournis ni avec les débits moyens mensuels, ni avec les débits moyens annuels, mais ils paraissent avec les valeurs appropriées, c'est-à-dire la valeur instantanée maximale annuelle et les valeurs quotidiennes maximale et minimale annuelles:

A – Jauge manuelle – indique qu'on a effectué à une station de jaugeage dotée d'une jauge enregistreuse au moins une observation par jour à l'aide d'une jauge manuelle et qu'on s'en est servi comme moyenne quotidienne pour l'année en question. Toute station peut comporter diverses périodes où les relevés sont effectués soit à partir d'une jauge enregistreuse, soit à l'aide d'une jauge manuelle. Pour obtenir d'autres renseignements sur le genre de jauge qui a servi lors de la période d'observation, il faut consulter l'*Index de référence des données sur les eaux de surface*. Le symbole n'est employé qu'au cours de périodes d'eau libre.

B – Glaces – indique, pour les données portant sur le débit, que la présence de glaces à la station de jaugeage a faussé la relation hauteur-débit.

E – Estimatives – indique une donnée estimative, c'est-à-dire qu'on a déterminé la valeur de façon indirecte, par exemple par interpolation, extrapolation, à l'aide de graphique, ou par comparaison avec d'autres cours d'eau ou avec des données météorologiques.

R – Révisé – indique qu'il y a eu révision, correction ou addition à la base des données chronologiques des débits après le 1er janvier 1986.

1. *L'extrait des moyennes mensuelles et annuelles* (The summary of monthly and annual mean discharges) donne:

(a) la moyenne mensuelle, exprimée en mètres cubes par seconde, des valeurs quotidienne de l'écoulement pour le mois entier. Pour les stations où on n'a mesuré l'écoulement quotidien que pour une partie du mois, les données paraissent dans les publications annuelles ou peuvent être obtenues du chef régional;

(b) la moyenne annuelle, en mètres cubes par seconde, pour les stations où on a obtenu des relevés quotidiens pour une année entière. Dans certains cas, la moyenne est calculée pour une période bien définie de l'année, par exemple pour mars à octobre. On donne donc la moyenne annuelle des relevés quotidiens effectués pour cette même période de l'année. S'il existe des données pour une autre partie de l'année, telle que pour janvier à octobre, la moyenne n'est toujours fournie que pour la période bien définie de mars à octobre;

(c) the mean of all the monthly means;

(d) the mean of all the annual or standard period means.

2. *The annual maximum instantaneous discharge* in cubic metres per second is given for each year if available. This figure is usually available if the station is equipped with a recording gauge. It may also be estimated from high water marks or from a graph of observed water level readings during the day.

3. *The annual maximum and minimum daily discharges* in cubic metres per second are given for each year where daily discharges have been obtained for the entire year (or standard period within the year, e.g. March to October), or where they are considered to be valid for the year even though some daily discharges are missing.

4. *The extreme recorded for the period of record* is identified by an asterisk within the table of annual maximum instantaneous, maximum daily and minimum daily values.

5. *The annual total discharge* in cubic decametres is given for each year where daily discharges have been obtained for the entire year. If a standard period such as March to October has been selected, the figure applies to only those months, similar to the mean discharge in cubic metres per second.

REVISIONS

A number of corrections or revisions have been made to previously published data. Many of these were required because of typographical or computational errors which were exposed when daily discharges were stored on magnetic tape and monthly means were re-calculated by computer. Other errors were discovered or different interpretations of basic data were made during the systematic review of historical streamflow data presently underway, for example, these revisions may have been justified because a more reliable stage-discharge relationship had been developed.

Revisions to daily discharges or daily water levels are not published at present. However, those stations where a systematic review has been conducted are identified in the Surface Water Data Reference Index publication. The Historical Streamflow Summary publications contain revisions to monthly and annual mean discharges, and annual extremes of discharge. The Historical Water Levels Summary publications contain revisions to monthly and annual mean water levels, and annual extremes of water level. Revisions, corrections or additions made to the discharges and water levels after January 1, 1986 are indicated by an "R" symbol in the summary publications. Detailed information on revisions to historical data is available from the appropriate Regional Chief.

(c) la moyenne de toutes les moyennes mensuelles;

(d) la moyenne de toutes les moyennes annuelles ou de toutes les moyennes pour une période bien définie.

2. *Le tableau des valeurs annuelles maximales instantanées* (The annual maximum instantaneous discharge) exprimées en mètres cubes par seconde, est fourni pour toute année où des données sont disponibles. La majorité des stations munies de jauges enregistreuses détiennent ces données. Elles peuvent également être évaluées à partir du niveau des hautes eaux ou d'un graphique illustrant le niveau quotidien.

3. *Le tableau des valeurs quotidiennes minimale et maximale annuelles* (The annual maximum and minimum daily discharges), exprimées en mètres cubes par seconde, donne les valeurs pour les stations où on a fait des relevés quotidiens pour une année entière ou pour une période bien définie de l'année, par exemple pour mars à octobre, ou lorsqu'on considère que les valeurs sont valables pour toute l'année même si quelques débits quotidiens ne sont pas disponibles.

4. *Le tableau des valeurs extrêmes enregistrées pour toute la période d'observation* (The extreme recorded for the period of record) est indiqué par un astérisque et est compris avec les valeurs annuelles maximales instantanées et les valeurs quotidiennes minimale et maximale annuelles.

5. *Le résumé de l'écoulement annuel total* (The annual total discharge), en décamètres cubes, est indiqué pour les stations où on a fait des relevés quotidiens pour une année entière. Si on a choisi une période bien définie de l'année, par exemple de mars à octobre, la valeur n'a trait qu'à ces mois, tout comme la moyenne mensuelle, en mètres cubes par seconde.

RÉVISIONS

On a corrigé ou révisé beaucoup de données déjà publiées. Il a été nécessaire d'effectuer plusieurs corrections, car on a relevé des erreurs typographiques ou de calculs lorsqu'on a enregistré les débits quotidiens sur rubans magnétiques et qu'on a recalculé à l'aide d'ordinateurs les moyennes mensuelles. On a aussi relevé d'autres erreurs ou fait des interprétations différentes de données de base au cours de la révision rétrospective systématique des données de débit qu'on est à faire en ce moment. Ainsi, on peut justifier des corrections, par le fait qu'on ait trouvé une relation hauteur-débit plus sûre.

Les corrections apportées aux débits quotidiens ou aux niveaux d'eau quotidiens ne sont pas publiées, du moins pour le moment. Cependant, les stations où on a effectué une révision systématique sont identifiées dans l'*Index de référence des données sur les eaux de surface*. Les publications intitulées *Sommaire chronologique de l'écoulement* contiennent des données sur les moyennes mensuelles et annuelles des débits et sur les extrêmes annuels des débits qu'on a révisées. Les publications intitulées *Sommaire chronologique des niveaux d'eau* renferment les révisions apportées aux niveaux moyens mensuels et annuels ainsi que les extrêmes annuels. Les révisions et corrections apportées aux débits et aux niveaux d'eau après le 1er janvier 1986 sont accompagnées du symbole «R» dans les publications sommaires. On peut obtenir plus de détails sur les révisions en s'adressant au chef régional concerné.

ACCURACY OF HYDROMETRIC DATA

The overall accuracy or the degree of reliability of hydrometric data referred to herein, depends upon

(1) The type of gauge, stability of gauge, accuracy of observation of stage and measurement of reference datum,

(2) The stability of the stage-discharge relationship; or if the control is unstable, the frequency and accuracy of discharge measurements, and

(3) The computation procedures and interpretation of records.

Because of all these variable factors, the number of significant figures used herein has been standardized for uniformity of presentation and does not reflect the degree of accuracy of the data. The Water Resources Branch standard for storing water level data is to three decimal points (0.001 m), although some contributing agencies provide data to two decimal points (0.01 m).

A measure of the reliability of the records can be made by an examination of the distribution of the symbols A, E and B (for discharge data).

In general, data collected during open-water periods are more reliable than those collected during periods of ice conditions or those obtained by estimation. Further, water level data collected utilizing a water-stage recorder are more reliable and accurate than those using a manual gauge only, especially for small or flashy streams.

MICROFICHE

All published daily discharge, water level and sediment data are available in metric units on microfiche, upon request. The data are stored in station number order by province. There are 270 frames per microfiche at 48X reduction; there is a visible heading showing the fiche number, type of data, province, beginning and ending station number and year of data, and the month/year the fiche was created. The last frame is an index of the contents of that fiche.

EXACTITUDE DES DONNÉES HYDROMÉTRIQUES

La précision totale ou le degré d'exactitude des données hydrométriques dont on parle ici sont basés sur

(1) Le type de jauge, la stabilité de la gauge, la précision des observations sur les niveaux et de la mesure de la donnée de référence,

(2) La stabilité de la relation hauteur-débit ou, si l'élément régulateur est changeant, sur la fréquence et la précision des mesures de débits, et

(3) L'évaluation des procédés et l'interprétation des chiffres.

À cause de toutes les variables déjà mentionnées, on a normalisé pour des fins d'uniformité de présentation le nombre de chiffres significatifs, mais ceci ne réflète pas le degré d'exactitude des données. Dans la Direction des ressources en eau, les normes de cueillette des données sur le niveau des eaux sont de l'ordre de trois décimales (0.001 m), alors que certains organismes dans ce domaine n'exigent que deux décimales (0.01 m).

L'exactitude des données peut être appréciée par l'examen de la répartition des symboles A, E et B (pour les données de débits).

En général, les données recueillies au cours des périodes d'eau libre sont plus sûres que celles qui sont obtenues au cours des périodes de glaces ou par estimation. De plus, les données sur le niveau des eaux qui sont mesurées à l'aide d'un limnigraphe sont plus certaines et plus exactes que celles qui sont mesurées à l'aide d'une jauge manuelle seulement, surtout dans le cas de petits cours d'eau ou de cours d'eau à crues très rapides.

MICROFICHE

Toutes les données publiées concernant les débits quotidiens, les niveaux d'eau et les sédiments sont disponibles sur microfiche en unités métriques aux usagers qui en font la demande. Ces données sont emmagasinées par ordre de numéro de station et par province. Chaque microfiche renferme 270 pages réduites de 48X. L'en-tête indique le numéro de la fiche, le genre de données, la province, le numéro de la première et de la dernière station, celui de la première et de la dernière année de cueillette ainsi que le mois et l'année de préparation de la fiche. La dernière image donne l'index du contenu de la fiche.

YUKON TERRITORY

AISHIHIK RIVER BELOW AISHIHIK LAKE - STATION NO. 08AA010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	---	---	---	---	6.48	7.68	9.83	---	1980
1981	6.83	7.35	7.55	6.26	6.39	5.35	7.01	5.71	5.25	5.05	5.35	7.55	6.45	1981
1982	10.5	14.0	6.56	5.56	8.46	8.26	3.89	4.05	4.27	7.12	9.27	8.55	7.33	1982
1983	4.66	3.33	3.32	3.30	3.48	3.83	4.12	4.17	3.97	4.09	3.89	5.04	4.20	1983
1984	7.85	4.71	3.93	3.05	3.86	4.30	4.77	4.70	5.06	5.79	4.60	6.89	5.13	1984
1985	9.44	10.8	13.6	17.8	20.6	10.7	11.6	8.75	6.07	5.95	7.31	9.17	11.0	1985
1986	7.56	6.60	6.94	5.05	4.58	11.5	19.4	16.9	10.8	6.83	11.6	13.0	11.2	1986
MEAN	6.11	6.30	7.35	6.61	7.90	7.00	6.47	7.38	7.24	6.18	7.14	6.98	7.95	MEAN

LOCATION - LAT 61 11 04 N
LONG 136 59 24 W
DRAINAGE AREA, 2 980 km²
REGULATED SINCE 1974

AISHIHIK RIVER BELOW AISHIHIK LAKE - STATION NO. 08AA010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1980	---	---	---	---	1980
1981	20.3 AT 09:13 YST ON JAN 20	12.3 E ON JAN 1	3.41 ON MAY 27	204 000	1981
1982	---	14.6 B ON JAN 25	3.37 ON JUN 26	231 000	1982
1983	7.65 AT 23:54 YST ON OCT 10	7.57 ON OCT 8	1.458 ON MAY 1 +	133 000	1983
1984	11.7 AT 11:54 YST ON OCT 11	11.5 ON OCT 10	2.75 ON APR 25	182 000	1984
1985	25.0 AT 01:31 YST ON MAY 25	23.6 ON MAY 24	5.408 ON NOV 5	346 000	1985
1986	25.7 AT 03:40 YST ON JUL 23 +	25.6 ON JUL 23 +	2.44 ON MAY 6	352 000	1986
				238 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
+ - EXTREME RECORDED FOR THE PERIOD OF RECORD

AISHIHIK RIVER NEAR WHITEHORSE - STATION NO. 08AA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1950	---	---	---	---	---	34.2	18.0	---	11.5	7.82	6.72	3.51	---	1950
1951	3.23	2.61	2.46	3.40	5.54	12.0	17.2	8.86	6.15	5.37	4.44	4.06	6.86	1951
1952	3.57	3.16	2.46	2.27	7.94	27.2	19.5	15.3	14.8	11.5	8.46	6.12	10.2	1952
1953	4.31	3.46	3.30	4.06	16.1	22.0	24.7	22.4	26.8	18.5	13.4	9.28	14.1	1953
1954	5.80	4.98	4.43	3.86	23.5	29.5	26.0	24.1	23.9	19.7	12.2	7.18	16.5	1954
1955	6.21	5.17	5.70	5.43	14.3	36.2	33.2	26.7	20.6	15.7	9.88	5.92	15.7	1955
1956	4.28	4.20	4.17	7.11	16.4	27.6	26.0	16.6	15.6	11.9	8.95	5.02	12.5	1956
1957	4.12	3.80	3.62	5.15	25.1	43.1	29.6	23.7	20.0	16.4	11.1	7.48	16.2	1957
1958	5.75	5.41	5.23	4.75	11.3	12.9	6.15	7.08	8.94	6.74	4.85	4.40	7.05	1958
1959	3.70	3.05	2.86	2.88	20.7	38.2	34.6	26.0	26.6	22.1	14.6	---	---	1959
1960	---	---	---	---	26.8	33.1	30.7	26.5	24.7	19.6	12.1	8.50	---	1960
1961	7.65	6.85	6.00	5.86	19.2	31.4	20.3	15.0	12.5	10.1	6.51	4.67	12.2	1961
1962	3.98	3.11	2.61	2.61	14.8	70.5	42.1	33.5	24.6	18.0	13.6	7.91	18.8	1962
1963	6.80	6.23	5.66	5.38	31.0	50.1	65.3	41.7	34.2	25.2	18.3	10.9	25.2	1963
1964	7.65	6.29	5.18	4.84	13.8	60.1	33.6	35.4	30.3	21.1	11.3	6.86	19.7	1964
1965	6.30	6.03	5.73	6.08	16.1	22.9	19.7	12.7	11.6	11.8	7.18	5.93	11.0	1965
1966	4.34	3.48	3.43	6.23	8.26	40.5	26.6	22.3	16.6	14.0	9.32	7.18	13.8	1966
1967	5.84	4.63	3.60	4.35	22.5	58.4	42.4	35.0	31.1	20.2	14.5	7.19	20.8	1967
1968	6.53	6.46	6.61	5.87	26.4	18.5	29.4	26.7	26.3	19.9	15.3	11.8	17.0	1968
1969	8.00	4.36	4.58	6.85	20.5	24.6	16.5	26.3	32.3	24.2	11.4	10.3	15.7	1969
1970	4.89	3.10	3.00	3.48	14.5	30.7	17.1	12.2	12.4	9.69	6.35	4.51	9.34	1970
1971	4.14	3.62	2.82	2.70	8.52	27.2	14.1	13.4	12.4	9.65	6.16	4.53	9.12	1971
1972	3.86	3.55	3.00	2.88	17.1	34.2	26.8	27.2	15.9	14.6	8.74	6.40	14.0	1972
1973	4.50	4.03	4.06	4.21	12.1	26.7	26.9	29.4	26.9	19.7	10.9	9.46	15.2	1973
1974	6.71	6.51	4.56	4.38	17.2	23.7	15.3	13.7	12.4	4.52	3.46	3.16	8.67	1974
1975	3.27	2.88	2.35	2.94	15.4	27.3	33.0	43.4	60.4	31.3	13.0	10.9	20.6	1975
1976	10.1	8.14	6.94	6.14	13.7	44.0	57.8	25.6	9.08	8.14	7.63	8.93	17.2	1976
1977	8.58	8.60	10.2	11.2	13.4	31.1	22.4	15.8	14.1	13.2	13.6	14.2	14.7	1977
1978	13.4	12.0	10.9	9.84	14.7	22.7	14.8	14.7	11.2	8.86	10.5	12.6	13.0	1978
1979	15.0	12.5	12.0	11.6	20.7	26.2	14.9	11.9	16.2	11.9	10.8	9.61	14.6	1979
1980	8.99	10.9	11.1	7.93	13.3	17.4	12.0	11.6	11.9	10.0	9.19	13.9	11.5	1980
1981	7.09	6.70	6.73	7.22	20.8	16.5	12.6	10.3	12.6	13.2	8.62	9.62	11.3	1981
1982	12.6	9.86	8.07	7.57	20.1	35.6	11.4	13.2	8.89	9.08	8.08	8.84	12.9	1982
1983	5.85	4.23	3.48	3.31	12.6	19.2	14.8	12.8	12.2	8.07	7.59	9.41	9.49	1983
1984	8.31	6.81	3.90	3.78	---	---	18.7	10.8	11.6	7.83	6.89	10.1	---	1984
1985	9.19	9.07	8.80	8.71	33.6	31.7	26.4	16.4	12.8	9.27	7.74	8.06	14.9	1985
1986	7.22	10.1	8.86	8.89	19.6	39.3	41.8	36.6	33.3	7.37	13.3	14.8	19.3	1986
MEAN	6.80	5.80	5.35	5.37	17.1	31.8	25.6	21.3	19.6	14.0	9.82	8.19	14.3	MEAN

LOCATION - LAT 60 51 40 N
LONG 137 03 40 W
DRAINAGE AREA, 4 300 km²
REGULATED SINCE 1974

AISHIHIK RIVER NEAR WHITEHORSE - STATION NO. 09AA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1950	---	58.0 ON JUN 10	---	---	1950
1951	---	70.2 ON JUL 3	2.440 ON MAR 12	219 000	1951
1952	---	44.6 ON JUN 15	2.240 ON MAR 20	224 000	1952
1953	---	42.5 ON MAY 24	2.890 ON MAR 22	444 000	1953
1954	---	79.9 ON JUL 10	3.850 ON APR 24	521 000	1954
1955	---	61.2 ON JUN 22	4.450 ON DEC 31	495 000	1955
1956	---	66.3 ON JUN 29	4.130 ON MAR 26	286 000	1956
1957	---	73.8 ON JUN 4	3.540 ON MAR 16	510 000	1957
1958	---	27.7 ON MAY 26	4.110 ON DEC 31	222 000	1958
1959	---	59.5 ON JUN 12	2.610 ON MAR 12	---	1959
1960	---	83.4 ON MAY 25	---	---	1960
1961	---	72.5 ON JUN 27	4.670 ON DEC 1	383 000	1961
1962	---	143 E ON JUN 20 *	2.610 ON MAR 1	626 000	1962
1963	---	87.8 ON JUL 11	5.380 ON APR 1	795 000	1963
1964	---	112 ON JUN 4	4.530 ON APR 3	623 000	1964
1965	---	46.4 ON MAY 31	4.980 ON DEC 31	346 000	1965
1966	---	84.0 ON JUN 20	2.940 ON MAR 16	436 000	1966
1967	---	104 ON MAY 31	3.600 ON MAR 26	656 000	1967
1968	---	137 ON MAY 22	4.590 ON MAR 17	537 000	1968
1969	79.3 AT 22:00 YST ON MAY 25	69.4 ON MAY 25	3.510 ON MAR 17	496 000	1969
1970	29.7 AT 02:28 YST ON JUN 8	28.6 ON JUN 8	2.690 ON MAR 3	295 000	1970
1971	58.3 AT 23:48 YST ON JUN 9	50.7 ON JUN 10	3.380 ON APR 10	288 000	1971
1972	92.6 AT 01:30 YST ON MAY 31	82.1 ON MAY 31	3.560 ON APR 3	444 000	1972
1973	75.0 AT 01:00 YST ON JUN 21	64.0 ON JUN 21	3.600 ON MAR 22	479 000	1973
1974	51.5 AT 00:55 YST ON JUN 1	47.0 ON JUN 1	2.970 ON DEC 17	302 000	1974
1975	81.8 AT 16:30 YST ON SEP 15	80.4 ON SEP 15	2.250 ON MAR 5	849 000	1975
1976	113 ON JUL 11 *	99.7 ON JUL 12	3.230 ON APR 3	543 000	1976
1977	82.4 AT 00:20 YST ON JUN 3	74.2 ON JUN 3	5.660 ON DEC 24	485 000	1977
1978	39.9 AT 23:53 YST ON JUN 4	35.4 ON JUN 7	3.820 ON DEC 2	411 000	1978
1979	84.0 AT 02:05 YST ON JUN 23	59.5 ON JUN 23	7.450 ON DEC 29	460 000	1979
1980	45.2 AT 01:15 YST ON JUN 7	40.5 ON JUN 7	5.240 ON APR 2	384 000	1980
1981	39.7 AT 04:39 YST ON MAY 28	38.5 ON MAY 28	4.330 ON DEC 25	357 000	1981
1982	74.5 AT 16:00 YST ON JUN 8	71.8 ON JUN 8	4.000 ON APR 10	406 000	1982
1983	74.5 AT 22:13 YST ON MAY 31	69.6 ON MAY 31	3.010 ON APR 3 *	300 000	1983
1984	52.8 AT 15:07 YST ON JUN 30	49.0 ON JUN 30	3.550 ON APR 3	---	1984
1985	79.4 AT 23:42 YST ON JUN 4	74.1 ON JUN 5	5.405 ON APR 4	471 000	1985
1986	---	68.0E ON JUL 30	3.150 ON MAY 7	606 000	1986
				450 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ALSEK RIVER ABOVE BATES RIVER - STATION NO. 08AB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	---	558	463	---	---	---	---	1974
1975	32.3	30.2	29.9	36.8	151	362	888	518	401	197	39.0	33.9	226	1975
1976	33.3	29.4	28.2	26.1	---	---	---	---	---	---	52.8	52.1	---	1976
1977	44.6	43.4	41.8	50.4	115	437	719	880	288	87.1	47.8	36.7	234	1977
1978	32.7	26.9	26.8	41.5	118	318	545	576	251	104	54.8	45.1	180	1978
1979	36.8	30.8	34.5	45.8	139	375	708	885	398	191	89.7	68.7	332	1979
1980	38.6	30.8	27.6	37.7	130	448	637	495	305	128	61.0	36.8	189	1980
1981	37.1	35.3	40.3	41.3	207	381	828	828	259	181	73.5	46.1	311	1981
1982	28.2	23.8	27.0	38.7	89.1	413	622	557	347	104	55.0	44.0	180	1982
1983	36.7	34.0	32.4	36.9	111	466	---	---	288	148	73.8	48.4	---	1983
1984	33.7	34.9	41.4	58.9	104	384	613	594	336	86.8	38.5	32.8	178	1984
1985	28.7	37.1	41.7	48.4	135	296	704	580	265	76.8	48.1	28.3	191	1985
1986	25.8	20.6	21.5	23.1	103	421	833	840	362	118	52.6	52.6	308	1986
MEAN	34.0	31.8	32.9	40.2	135	387	677	599	300	124	57.1	43.0	204	MEAN

LOCATION - LAT 60 07 09 N
LONG 137 58 27 W
DRAINAGE AREA, 15 200 km^2
NATURAL FLOW

ALSEK RIVER ABOVE BATES RIVER - STATION NO. 08AB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	1 310 AT 20:30 YST ON JUL 13 *	1 130 ON JUL 13 *	28.38 ON MAR 5	7 090 000	1975
1976	---	---	---	---	1976
1977	1 100 AT 17:52 YST ON AUG 21	1 060 ON AUG 22	37.48 ON DEC 10	7 390 000	1977
1978	810 AT 22:02 YST ON AUG 3	784 ON AUG 3	26.28 ON MAR 27	5 670 000	1978
1979	838 AT 18:22 YST ON JUL 26	813 ON JUL 22	28.38 ON FEB 12	7 280 000	1979
1980	721 AT 20:58 YST ON JUL 13	702 ON JUL 23	23.48 ON APR 5	6 030 000	1980
1981	1 120 AT 18:48 YST ON AUG 8	1 080 ON AUG 10	31.08 ON DEC 31	6 870 000	1981
1982	924 AT 11:27 YST ON JUL 31	887 ON JUL 31	16.98 ON FEB 12 *	6 000 000	1982
1983	---	---	31.08 ON MAR 6	---	1983
1984	849 AT 17:52 YST ON AUG 8	829 ON AUG 9	31.08 ON DEC 31	5 840 000	1984
1985	895 AT 20:45 YST ON JUL 30	882 ON JUL 31	28.58 ON JAN 30	6 020 000	1985
1986	1 100 AT 19:00 YST ON JUL 20	1 070 ON JUL 18	30.08 ON FEB 15	6 580 000	1986
				6 440 000	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BABBAGE RIVER BELOW CARIBOU CREEK - STATION NO. 10MD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	---	---	---	---	8.34	1.97	---	---	---	1976
1977	---	---	---	---	---	---	---	6.97	6.80	---	---	---	---	1977
1978	0	0	0	0	0.121	94.3	17.9	5.67	10.7	3.79	0.020	0	11.1	1978
1979	0	0	0	0	5.22	37.7	9.78	28.9	23.9	4.96	0.023	0	9.30	1979
1980	0	0	0	0	0.392	22.4	2.16	13.6	4.25	0.720	0.152	0	3.82	1980
1981	0	0	0	0	16.3	32.9	29.3	53.4	9.19	4.72	1.89	0	12.4	1981
1982	0	0	0	0	1.46	90.7	21.9	15.0	22.7	4.82	0	0	13.0	1982
1983	0	0	0	0	10.1	94.5	20.9	18.2	33.1	4.74	0.823	0	15.1	1983
1984	0	0	0	0	8.31	60.4	28.0	25.5	11.8	3.13	0.583	0	11.6	1984
1985	0	0	0	0	2.46	63.8	20.5	5.54	4.51	1.03	0.188	0	8.14	1985
1986	0	0	0	0	3.37	80.0	14.7	31.7	30.8	5.14	1.05	0.008	13.9	1986
MEAN	0	0	0	0	5.40	64.1	18.4	20.5	15.1	3.50	0.471	0.001	10.9	MEAN

LOCATION - LAT 60 50 23 N DRAINAGE AREA, 1 510 km²
LONG 138 40 05 W NATURAL FLOW

BABBAGE RIVER BELOW CARIBOU CREEK - STATION NO. 10MD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1976	---	---	---	---	1976
1977	---	---	---	---	1977
1978	660 A? 00:00 MST ON JUN 7 *	538A ON JUN 6 *	0B ON JAN 1 *	348 000	1978
1979	388 A? 05:00 MST ON AUG 28	305 ON AUG 28	0B ON JAN 1	293 000	1979
1980	---	1108 ON JUN 11	0B ON JAN 1	114 000	1980
1981	289 A? 16:30 MST ON AUG 22	248 ON AUG 22	0B ON JAN 1	391 000	1981
1982	317 A? 00:30 MST ON JUN 14	234 ON JUN 14	0B ON JAN 1	410 000	1982
1983	185 A? 22:02 MST ON JUN 14	140 ON JUN 14	0B ON JAN 1	477 000	1983
1984	---	1508 ON JUN 5	0B ON JAN 1	383 000	1984
1985	---	182E ON JUN 2	0B ON JAN 1	256 000	1985
1986	---	1998 ON JUN 4	0B ON JAN 1	437 000	1986
				343 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BEAVER RIVER BELOW WHITEFISH RIVER - STATION NO. 10BD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	---	---	---	---	68.5	43.9	28.4	17.0	---	1977
1978	14.6	13.9	13.4	42.3	186	81.1	148	92.6	51.0	63.3	34.7	25.1	59.2	1978
1979	18.6	12.4	12.8	71.0	391	193	126	67.0	68.4	38.6	22.0	16.5	79.2	1979
1980	14.4	15.1	14.8	40.9	118	80.7	134	82.1	92.4	64.7	48.4	24.9	60.2	1980
1981	16.8	15.0	14.6	14.9	98.1	102	40.8	25.8	46.0	35.2	25.8	17.3	37.8	1981
1982	10.9	12.2	12.1	16.6	125	117	40.1	51.9	44.0	30.7	20.7	17.0	45.1	1982
1983	15.3	14.0	14.9	37.6	146	94.4	57.8	53.1	29.9	28.9	20.4	14.4	44.2	1983
1984	8.03	8.78	13.3	19.8	94.3	105	87.1	55.7	47.8	30.1	15.7	13.9	41.7	1984
1985	12.5	13.1	12.5	13.4	201	88.9	91.4	55.2	75.7	48.8	28.5	19.6	58.3	1985
1986	17.1	15.5	17.4	30.6	118	128	184	84.9	59.4	66.0	30.5	21.9	64.0	1986
MEAN	14.4	13.3	13.8	39.6	149	108	98.9	86.5	56.4	47.1	27.1	18.9	54.2	MEAN

LOCATION - LAT 60 07 53 N DRAINAGE AREA, 7 280 km²
LONG 134 93 31 W NATURAL FLOW

BEAVER RIVER BELOW WHITEFISH RIVER - STATION NO. 10BD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1977	---	---	---	---	1977
1978	---	703E ON JUL 2 *	12.0 B ON MAR 2	1 870 000	1978
1979	616 A? 08:11 YST ON MAY 27	580 ON MAY 27	11.8 B ON FEB 23	2 500 000	1979
1980	230 A? 13:05 YST ON JUL 16	289 ON JUL 16	13.6 B ON JAN 11	1 900 000	1980
1981	267 A? 23:00 YST ON MAY 27	242 ON MAY 28	12.0 B ON DEC 31	1 190 000	1981
1982	308 A? 07:06 YST ON AUG 12	293 ON AUG 12	9.50B ON JAN 23	1 420 000	1982
1983	---	282E ON MAY 31	13.2 B ON FEB 16	1 390 000	1983
1984	234 A? 16:36 YST ON JUN 21	214 ON JUN 21	7.55B ON JAN 25 *	1 320 000	1984
1985	618 A? 08:26 YST ON MAY 21	499 ON MAY 21	11.4 B ON FEB 12	1 770 000	1985
1986	764 A? 07:39 PST ON JUL 3 *	586 ON JUL 3	15.6 B ON FEB 19	2 020 000	1986
				1 710 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BIG CREEK NEAR THE MOUTH - STATION NO 09AH003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	---	19.6	4.53	2.16	0.808	0.118	---	1974
1975	0.058	0.083	0.149	0.443	37.3	14.6	23.9	23.1	13.8	4.06	0.423	0.159	9.86	1975
1976	0.121	0.081	0.082	0.400	23.4	25.7	42.5	5.94	2.52	1.69	0.758	0.256	8.72	1976
1977	0.224	0.201	0.152	0.512	17.6	17.9	15.8	3.92	4.28	2.79	0.696	0.087	5.39	1977
1978	0.046	0.026	0.023	0.023	7.04	20.8	40.1	23.4	7.72	4.81	1.77	0.635	8.95	1978
1979	0.342	0.125	0.123	0.178	16.0	18.4	19.8	12.0	10.3	3.46	1.07	0.355	7.05	1979
1980	0.152	0.157	0.184	0.304	7.80	4.70	16.6	11.0	22.1	7.68	0.781	0.189	5.99	1980
1981	0.175	0.169	0.173	0.225	12.8	4.72	18.4	16.0	5.89	4.80	1.61	0.432	5.35	1981
1982	0.153	0.135	0.140	0.218	24.0	30.1	4.86	16.0	2.73	1.91	0.850	0.298	8.00	1982
1983	0.125	0.088	0.080	0.054	8.49	21.3	17.9	27.3	8.89	3.27	0.426	0.026	7.38	1983
1984	0.005	0.006	0.012	0.124	---	---	19.8	4.29	13.8	2.56	0.375	0.073	---	1984
1985	0.030	0.020	0.045	0.088	25.9	23.4	20.1	11.7	10.8	3.46	1.34	0.759	8.21	1985
1986	0.496	0.298	0.111	0.052	21.6	18.4	17.2	10.9	9.26	3.51	0.668	0.595	6.98	1986
MEAN	0.161	0.114	0.102	0.219	18.5	17.3	21.4	14.1	9.00	3.55	0.875	0.309	7.27	MEAN

LOCATION - LAT 62 36 07 N DRAINAGE AREA, 1 750 km²
LONG 137 00 58 W NATURAL FLOW

BIG CREEK NEAR THE MOUTH - STATION NO. 09AH003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	---	147 B ON MAY 11	0.0378 ON FEB 13	314 000	1975
1976	216 AT 10:20 YST ON JUL 15 *	206 ON JUL 15 *	0.0578 ON MAR 16	276 000	1976
1977	45.6 AT 21:44 YST ON JUN 8	40.8 ON JUL 4	0.0458 ON DEC 9	170 000	1977
1978	193 AT 14:25 YST ON JUL 14	175 ON JUL 14	0.0208 ON APR 4	262 000	1978
1979	67.4 AT 15:30 YST ON JUN 23	55.9 ON JUN 23	0.0878 ON FEB 13	222 000	1979
1980	108 AT 18:20 YST ON SEP 15	91.2 ON SEP 16	0.0938 ON JAN 27	189 000	1980
1981	72.6 AT 02:10 YST ON JUL 4	62.3 ON JUL 4	0.1618 ON MAR 8	169 000	1981
1982	121 AT 20:58 YST ON AUG 1	78.1 ON AUG 2	0.1038 ON FEB 28	189 000	1982
1983	138 AT 16:27 YST ON JUN 3	113 ON JUN 3	0.0038 ON DEC 30 *	233 000	1983
1984	92.6 AT 13:30 YST ON JUN 29	88.4 ON JUN 29	0.0048 ON JAN 1	---	1984
1985	---	90.0E ON MAY 19	0.0148 ON FEB 22	259 000	1985
1986	137 AT 06:28 YST ON JUL 28	117 ON JUL 28	0.0398 ON APR 13	220 000	1986
				229 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

BIG SALMON RIVER NEAR CARMACKS - STATION NO. 09AG001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	105	137	108	135	---	---	---	---	1953
1954	---	---	---	---	---	---	---	85.4	58.9	---	---	---	---	1954
1955	---	---	---	---	---	---	188	108	61.2	43.2	31.8	23.7	---	1955
1956	18.0	15.5	14.7	15.2	53.7	133	99.1	81.9	58.3	---	---	---	---	1956
1957	14.3	14.8	14.3	13.5	132	---	---	86.5	58.3	45.1	---	---	---	1957
1958	---	---	---	---	---	---	52.8	50.2	47.5	---	---	---	---	1958
1962	24.9	22.1	20.4	18.7	84.5	384	195	122	115	82.3	57.8	---	---	1962
1963	---	---	---	---	---	---	---	---	91.0	66.5	56.3	39.7	---	1963
1964	28.0	19.1	18.8	20.2	46.3	376	186	135	109	77.3	34.1	26.3	89.3	1964
1965	22.4	19.0	18.9	18.6	83.3	157	145	74.3	82.8	72.5	36.0	21.8	63.5	1965
1966	17.9	16.6	16.0	15.7	41.5	226	148	86.2	56.7	49.8	28.6	24.0	61.5	1966
1967	20.4	17.4	15.1	14.2	77.7	364	171	115	84.1	73.4	35.3	23.1	85.4	1967
1968	21.2	19.5	18.0	17.0	91.2	170	141	109	109	72.9	46.8	30.3	70.6	1968
1969	19.2	19.7	18.3	17.5	79.1	194	124	116	121	71.7	32.2	25.0	70.0	1969
1970	18.0	17.6	18.7	18.2	83.8	147	133	81.5	82.4	88.4	37.8	25.0	80.3	1970
1971	19.9	19.1	13.5	12.3	66.5	242	114	79.1	68.2	52.8	36.9	23.4	62.3	1971
1972	18.1	15.1	11.7	12.3	90.7	259	118	84.5	76.8	54.0	38.5	23.9	67.5	1972
1973	17.7	16.2	16.0	17.5	76.1	203	178	113	99.0	50.1	20.7	17.3	68.7	1973
1974	14.9	14.8	13.3	17.2	83.1	181	119	132	86.7	59.5	34.5	24.4	65.3	1974
1975	18.5	18.5	15.7	16.5	72.0	198	181	94.1	121	80.7	38.5	23.8	73.6	1975
1976	22.3	19.7	18.0	16.8	83.3	214	155	73.1	47.7	32.6	22.9	20.2	58.6	1976
1977	17.9	16.7	16.1	16.4	57.7	211	158	86.3	77.4	43.1	21.7	18.0	62.0	1977
1978	20.2	15.6	14.1	16.1	52.3	189	80.4	83.6	54.1	47.9	40.9	26.6	62.7	1978
1979	17.9	18.1	16.9	17.7	65.9	251	200	89.5	59.1	47.2	34.8	27.0	70.4	1979
1980	20.6	18.9	18.5	17.4	73.7	196	135	107	90.7	78.9	45.2	28.1	85.6	1980
1981	24.0	21.5	20.0	17.5	101	151	121	88.1	61.1	63.2	44.7	28.3	61.9	1981
1982	16.8	16.7	15.0	16.4	46.0	185	101	67.8	63.1	55.5	30.6	26.4	53.4	1982
1983	20.5	15.1	12.8	14.3	83.4	236	126	99.5	91.9	82.7	33.1	22.8	68.4	1983
1984	18.2	18.0	18.1	20.1	72.2	199	117	85.6	86.7	44.4	30.0	21.3	59.3	1984
1985	19.0	17.7	17.1	15.4	84.6	218	215	128	101	88.9	37.0	25.0	77.6	1985
1986	22.2	20.2	17.5	17.1	55.2	226	225	160	143	123	58.7	33.7	82.2	1986
MEAN	19.8	17.7	16.2	16.5	72.2	213	144	97.0	84.7	63.6	37.3	25.2	67.6	MEAN

LOCATION - LAT 61 52 22 N DRAINAGE AREA, 6 760 km²
LONG 134 50 00 W NATURAL FLOW

BIG SALMON RIVER NEAR CARMACKS - STATION NO. 09AG001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1953	264 AT 12 00 YST ON JUL 1	258 ON JUL 1	---	---	1953
1954	---	---	---	---	1954
1955	272 AT 17 00 YST ON JUL 3	264 ON JUL 4	---	---	1955
1956	189 AT 17 30 YST ON JUN 20	184 ON JUN 20	14 48 ON MAR 13	---	1956
1957	314 AT 21 00 YST ON MAY 23	300 ON MAY 23	13 38 ON APR 4	---	1957
1958	---	---	---	---	1958
1962	685 AT 12 15 YST ON JUN 23 *	671 ON JUN 23 *	17 08 ON MAY 1	---	1962
1963	---	---	---	---	1963
1964	561 AT 07 00 YST ON JUN 12	552 ON JUN 11	16 48 ON MAR 8	2 830 000	1964
1965	287 AT 16 00 YST ON MAY 31	269 ON MAY 31	15 78 ON MAR 18	2 000 000	1965
1966	334 AT 02 00 YST ON JUL 9	309 ON JUN 13	16 48 ON APR 27	1 940 000	1966
1967	459 AT 07 00 YST ON JUN 23	456 ON JUN 23	14 28 ON APR 9	2 690 000	1967
1968	311 AT 20 00 YST ON MAY 22	271 ON MAY 22	16 48 ON APR 16	2 230 000	1968
1969	334 AT 19 00 YST ON JUN 11	314 ON JUN 11	16 48 ON APR 12	2 210 000	1969
1970	394 AT 07 36 YST ON JUL 22	382 ON JUL 22	15 18 ON FEB 17	1 900 000	1970
1971	371 AT 20 46 YST ON JUN 21	360 ON JUN 21	12 18 ON MAR 27	1 970 000	1971
1972	---	462E ON MAY 31	11 08 ON APR 2 *	2 140 000	1972
1973	309 AT 19 15 YST ON JUN 15	294 ON JUN 15	14 38 ON FEB 13	2 170 000	1973
1974	---	286E ON JUN 6	12 58 ON MAR 9	2 080 000	1974
1975	331 AT 19 10 YST ON JUN 20	314 ON JUN 20	14 98 ON MAR 17	2 320 000	1975
1976	292 AT 02 55 YST ON JUL 2	281 ON JUL 2	15 08 ON APR 19	1 880 000	1976
1977	274 AT 18 19 YST ON JUN 14	264 ON JUN 14	15 38 ON MAR 23	1 950 000	1977
1978	306 AT 22 20 YST ON JUN 8	297 ON JUN 9	13 08 ON APR 5	1 880 000	1978
1979	331 AT 17 27 YST ON JUN 25	320 ON JUN 25	15 78 ON FEB 9	2 220 000	1979
1980	313 AT 17 59 YST ON JUN 7	302 ON JUN 8	15 88 ON MAR 16	2 070 000	1980
1981	282 AT 17 46 YST ON MAY 28	269 ON MAY 28	16 18 ON APR 13	1 850 000	1981
1982	366 AT 20 35 YST ON JUN 8	352 ON JUN 8	14 08 ON FEB 27	1 880 000	1982
1983	537 AT 09 31 YST ON JUN 2	513 ON JUN 2	12 38 ON MAR 25	2 150 000	1983
1984	258 AT 19 04 YST ON JUN 13	249 ON JUN 13	14 98 ON JAN 27	1 870 000	1984
1985	405 AT 03 03 YST ON JUN 5	386 ON JUN 5	14 88 ON APR 17	2 450 000	1985
1986	390 AT 16 07 YST ON JUL 3	385 ON JUL 3	16 68 ON MAR 30	2 910 000	1986
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 140 000	MEAN

BLACKSTONE RIVER NEAR CHAPMAN LAKE AIRSTRIP - STATION NO. 10MA003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	0.172	0.100	0.095	0.174	14.6	29.6	21.1	13.5	7.80	2.81	0.858	0.180	7.59	1984
1985	0.067	0.030	0.018	0.012	7.31	51.0	24.9	14.7	13.9	4.88	1.44	0.178	9.86	1985
1986	0.129	0.144	0.158	0.188	1.20	34.8	23.4	28.8	10.3	2.66	0.282	0.108	8.54	1986
MEAN	0.123	0.091	0.091	0.125	7.70	38.5	23.1	18.9	10.6	3.45	0.860	0.154	8.86	MEAN

LOCATION - LAT 64 52 03 N, LONG 138 17 14 W. DRAINAGE AREA, 1 130 km^2. NATURAL FLOW

BLACKSTONE RIVER NEAR CHAPMAN LAKE AIRSTRIP - STATION NO. 10MA003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1984	71.6 AT 10 41 YST ON JUN 9	58.2 ON JUN 9	0.086B ON FEB 28	240 000	1984
1985	148 AT 09 37 YST ON JUN 6 *	131 ON JUN 6 *	0.010B ON APR 21 *	311 000	1985
1986	110 AT 09 41 YST ON JUN 8	101 ON JUN 8	0.101B ON DEC 10	269 000	1986
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		273 000	MEAN

BONNET PLUME RIVER ABOVE GILLESPIE CREEK - STATION NO. 10MB004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	5.37	4.91	4.67	5.07	130	171	134	99.4	78.4	35.5	16.7	8.68	58.1	1981
1982	4.35	3.85	3.59	3.30	66.5	197	121	85.4	34.4	16.1	11.6	7.68	44.8	1982
1983	5.80	5.25	5.03	5.52	39.3	182	80.6	87.1	54.8	27.6	18.0	8.81	43.4	1983
1984	4.53	4.07	5.11	7.04	---	---	127	85.9	39.3	13.2	10.6	9.86	---	1984
1985	7.43	5.52	4.94	4.81	30.4	195	112	61.0	---	---	---	---	---	1985
1986	6.04	5.86	4.85	4.55	35.4	255	154	129	55.8	23.2	12.8	8.38	58.1	1986
MEAN	5.55	4.83	4.70	5.05	80.3	200	121	84.8	50.3	23.5	13.9	8.84	51.1	MEAN

LOCATION - LAT 64 44 54 N, LONG 133 40 50 W. DRAINAGE AREA, 3 780 km^2. NATURAL FLOW

YUKON TERRITORY

BONNET PLUME RIVER ABOVE GILLESPIE CREEK - STATION NO. 10MB004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	---	400E ON JUN 5	4.368 ON MAR 24	1 830 000	1981
1982	---	340E ON MAY 25	3.138 ON APR 14	1 420 000	1982
1983	482 AT 05 42 YST ON JUN 2 *	420 ON JUN 2	4.808 ON APR 1	1 370 000	1983
1984	---	---	2.318 ON MAR 20 *	---	1984
1985	385 AT 13 00 YST ON JUN 6	369 ON JUN 6	4.618 ON APR 10	---	1985
1986	431 AT 06 50 YST ON JUN 8	432 ON JUN 8 *	4.428 ON APR 20	1 830 000	1986
				1 610 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CLINTON CREEK ABOVE WOLVERINE CREEK - STATION NO. 09EC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	---	---	---	---	---	5.88	0.387	0.263	0.208	---	---	---	---	1984
1985	---	---	---	---	5.07	7.57	8.40	1.82	0.598	---	---	---	---	1985
MEAN	---	---	---	---	5.07	5.72	4.38	1.04	0.403	---	---	---	---	MEAN

LOCATION - LAT 64 26 54 N
LONG 140 42 24 W
NATURAL FLOW

CLINTON CREEK ABOVE WOLVERINE CREEK - STATION NO. 09EC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1984	---	---	---	---	1984
1985	---	---	0B ON JAN 20 *	---	1985
				---	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

DEZADEASH RIVER AT HAINES JUNCTION - STATION NO. 08AA003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	13.2	9.70	8.89	12.6	49.6	87.6	100	71.0	68.7	50.6	35.3	21.1	44.1	1953
1954	14.9	13.6	12.8	12.0	61.2	105	94.4	72.4	53.4	41.8	35.2	18.5	44.1	1954
1955	17.2	15.6	15.0	15.2	40.2	102	142	87.6	59.2	41.6	21.9	14.1	47.8	1955
1956	12.7	11.9	10.8	14.8	48.0	87.9	80.4	65.1	45.7	42.9	32.4	22.8	37.3	1956
1957	18.2	15.4	14.3	16.2	71.1	173	124	78.0	63.8	52.0	30.2	19.7	56.4	1957
1958	16.7	15.7	14.8	18.8	46.0	58.0	37.5	26.8	28.6	24.8	18.1	15.8	27.0	1958
1959	13.3	11.4	10.6	10.7	53.8	125	72.1	70.3	55.8	43.4	27.4	21.3	43.0	1959
1960	17.8	15.2	13.5	12.8	71.4	86.7	92.8	70.8	49.6	33.9	21.0	19.3	43.0	1960
1961	17.0	14.4	12.7	13.0	64.1	119	119	67.0	51.2	38.7	24.4	22.1	45.8	1961
1962	17.0	12.2	8.91	9.81	36.1	171	152	95.1	64.8	51.3	38.7	28.6	57.2	1962
1963	21.5	17.6	16.4	15.9	65.4	101	156	95.5	74.1	58.9	35.6	27.8	57.5	1963
1964	23.6	19.9	17.5	16.6	40.3	189	109	88.1	88.9	62.5	31.9	14.6	64.6	1964
1965	13.8	13.3	12.6	12.8	34.2	71.4	86.8	45.5	32.7	27.4	17.6	16.4	32.3	1965
1966	11.1	9.06	10.3	15.3	36.7	111	78.4	54.5	45.7	33.2	19.5	14.9	38.0	1966
1967	12.1	9.04	7.09	11.9	54.8	130	105	75.9	67.5	45.0	31.1	16.6	46.5	1967
1968	14.8	14.8	14.7	19.0	72.5	77.8	101	74.4	71.5	54.2	27.7	21.3	47.1	1968
1969	16.4	15.8	14.4	22.7	52.5	66.0	60.3	63.5	86.4	69.4	42.1	28.4	45.2	1969
1970	18.3	17.0	15.3	23.7	44.7	70.5	66.2	60.7	42.3	34.7	25.5	17.2	35.8	1970
1971	13.2	11.0	9.93	10.2	31.6	82.8	83.5	62.7	43.6	30.6	18.2	12.6	36.0	1971
1972	10.5	11.3	12.3	12.8	53.9	108	84.2	76.5	50.0	35.9	20.6	15.1	41.1	1972
1973	13.6	12.7	11.3	13.7	33.2	86.3	77.9	66.2	52.6	36.9	17.7	14.6	36.9	1973
1974	11.8	9.16	8.48	9.65	42.5	85.4	81.1	59.1	53.6	32.9	16.6	17.8	32.6	1974
1975	15.1	11.6	8.40	10.3	50.3	---	---	88.9	117	77.6	23.8	22.4	---	1975
1976	19.4	19.7	20.4	18.1	41.4	115	132	87.7	61.0	38.5	29.9	26.2	47.6	1976
1977	22.4	21.6	22.3	24.0	31.2	102	97.6	85.7	64.4	38.2	31.5	28.2	46.5	1977
1978	22.5	19.4	17.8	18.4	42.2	70.6	90.7	67.8	60.3	35.1	28.6	21.1	36.6	1978
1979	16.7	16.1	16.4	22.3	61.1	98.4	97.4	67.6	64.9	42.3	23.3	15.3	43.1	1979
1980	16.7	15.9	17.8	20.9	44.8	85.2	85.2	62.4	37.4	25.8	27.5	16.5	35.0	1980
1981	15.8	15.5	15.3	17.6	55.1	81.5	84.3	64.3	48.6	45.8	30.8	22.3	38.5	1981
1982	20.2	16.6	14.8	17.9	62.1	271	82.5	57.9	40.0	34.1	31.7	17.8	62.9	1982
1983	17.3	17.8	14.2	32.3	44.0	75.8	89.0	45.6	38.9	30.0	21.8	16.1	35.1	1983
1984	13.1	13.4	17.6	31.8	35.0	84.0	83.6	46.2	43.9	27.3	13.6	16.3	32.1	1984
1985	17.8	21.0	20.1	26.4	61.6	84.9	108	55.6	41.5	30.6	21.0	13.3	41.8	1985
1986	11.7	17.3	15.6	13.8	28.5	107	134	85.4	63.7	43.3	21.8	23.7	47.3	1986
MEAN	16.1	14.9	14.0	17.0	48.0	103	91.1	65.4	53.5	41.2	25.2	18.3	42.2	MEAN

LOCATION - LAT 60 44 54 N
LONG 137 30 19 W
DRAINAGE AREA, 8 500 km^2
REGULATED SINCE 1974

DEZADEASH RIVER AT HAINES JUNCTION - STATION NO. 08AA003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1953	---	133 ON JUL 16	8.168 ON MAR 20	1 390 000	1953
1954	---	164 E ON JUN 7	11.3 B ON APR 27	1 390 000	1954
1955	---	184 ON JUN 26	12.7 B ON DEC 31	1 510 000	1955
1956	---	125 ON JUN 29	10.5 B ON MAR 24	1 180 000	1956
1957	---	210 ON JUN 13	13.9 B ON MAR 14	1 780 000	1957
1958	---	70.8 ON JUN 7	14.3 B ON MAR 21	850 000	1958
1959	---	157 ON JUN 24	10.2 B ON MAR 30	1 360 000	1959
1960	---	141 ON MAY 31	11.3 B ON APR 16	1 360 000	1960
1961	---	286 ON JUN 28	11.9 B ON APR 1	1 450 000	1961
1962	---	275 ON JUN 21	9.918 ON MAR 1	1 800 000	1962
1963	---	180 ON JUL 7	15.9 B ON APR 1	1 810 000	1963
1964	---	236 ON JUN 8	14.1 B ON DEC 26	1 720 000	1964
1965	---	111 ON JUL 8	12.3 B ON MAR 26	1 020 000	1965
1966	---	199 ON JUN 21	8.928 ON FEB 21	1 130 000	1966
1967	---	158 ON JUN 6	6.748 ON MAR 22 *	1 470 000	1967
1968	---	261 ON MAY 23	10.2 B ON FEB 1	1 490 000	1968
1969	---	123 ON MAY 25	12.7 B ON MAR 17	1 430 000	1969
1970	---	81.0 ON JUN 17	14.4 B ON DEC 31	1 130 000	1970
1971	151 AT 05:56 YST ON JUN 29	148 ON JUN 29	9.238 ON MAR 31	1 110 000	1971
1972	198 AT 07:30 YST ON MAY 31 *	190 ON MAY 31	9.778 ON JAN 18	1 300 000	1972
1973	124 AT 08:15 YST ON JUN 21	119 ON JUN 21	10.5 B ON APR 12	1 100 000	1973
1974	98.8 AT 20:26 YST ON JUN 24	91.7 ON JUN 24	7.838 ON MAR 9	1 030 000	1974
1975	---	---	7.508 ON APR 6	---	1975
1976	184 AT 13:06 YST ON JUL 12	183 ON JUL 12	15.9 B ON APR 6	1 500 000	1976
1977	172 AT 12:27 YST ON JUN 3	166 ON JUN 3	20.0 B ON FEB 14	1 400 000	1977
1978	95.6 AT 07:00 YST ON JUN 6	90.3 ON JUN 6	16.4 B ON APR 21	1 090 000	1978
1979	150 AT 16:25 YST ON JUN 23	147 ON JUN 24	13.2 B ON DEC 22	1 360 000	1979
1980	124 AT 01:10 YST ON JUN 8	121 ON JUN 7	12.1 B ON APR 5	1 110 000	1980
1981	87.9 AT 09:00 YST ON MAY 28	86.2A ON MAY 28	11.4 B ON FEB 16	1 120 000	1981
1982	---	700 E ON JUN 8 *	10.0 B ON MAR 8	1 670 000	1982
1983	131 AT 06:20 YST ON JUN 1	121 ON JUN 1	11.5 B ON MAR 29	1 110 000	1983
1984	108 AT 05:46 YST ON JUL 1	105 ON JUL 1	11.0 B ON JAN 13	1 020 000	1984
1985	152 AT 11:08 YST ON JUN 5	148 ON JUN 5	11.2 B ON DEC 31	1 320 000	1985
1986	165 AT 09:47 YST ON JUL 3	160 ON JUL 3	10.6 B ON JAN 9	1 480 000	1986
				1 330 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

DONJEK RIVER BELOW KLUANE RIVER - STATION NO. 09CA003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	---	---	---	---	---	---	---	---	---	187	57.4	26.5	---	1979
1980	20.6	19.8	26.6	44.7	77.2	277	515	438	232	149	69.1	30.3	159	1980
1981	24.4	20.2	18.7	22.2	118	210	480	478	271	142	41.1	17.3	153	1981
1982	14.5	14.6	16.7	19.9	50.0	295	480	470	217	58.7	30.3	21.3	142	1982
1983	19.1	19.8	20.5	28.7	69.7	274	554	519	254	135	63.2	28.7	187	1983
1984	---	---	---	---	---	---	458	---	---	---	---	---	---	1984
1986	---	---	---	---	---	---	---	---	---	118	36.6	28.5	---	1986
MEAN	19.7	18.6	20.6	28.9	78.0	264	493	476	244	131	48.8	25.1	155	MEAN

LOCATION - LAT 62 04 56 N LONG 139 51 35 W DRAINAGE AREA, 12 400 km^2 NATURAL FLOW

DONJEK RIVER BELOW KLUANE RIVER - STATION NO. 09CA003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1979	---	---	---	---	1979
1980	873 AT 17:51 YST ON AUG 13	842 ON JUL 15	18.78 ON FEB 18	5 030 000	1980
1981	758 AT 16:18 YST ON JUL 21	709 ON JUL 21	15.08 ON DEC 31	4 830 000	1981
1982	828 AT 12:20 YST ON JUL 31	746 ON JUL 31	13.58 ON JAN 25 *	4 470 000	1982
1983	953 AT 12:17 YST ON JUL 6 *	882 ON JUL 6 *	17.98 ON JAN 22	5 250 000	1983
1984	777 AT 15:19 YST ON AUG 8	756 ON AUG 8	---	---	1984
1986	---	---	---	---	1986
				4 900 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

DUKE RIVER NEAR THE MOUTH - STATION NO. 09CA004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	0.959	0.882	0.891	1.43	13.8	8.94	18.8	14.4	5.15	3.39	2.13	1.42	6.07	1981
1982	1.13	1.11	1.09	1.20	4.44	16.8	17.3	15.0	6.06	3.68	2.72	2.15	5.09	1982
1983	1.55	1.41	1.26	1.21	3.22	16.1	41.1	21.0	6.45	4.03	2.60	1.95	8.56	1983
1984	1.09	0.892	0.481	0.801	4.19	20.5	---	---	7.96	3.98	2.17	1.31	---	1984
1985	1.19	1.06	1.15	1.23	3.91	7.21	30.0	13.6	9.45	5.23	1.65	1.40	6.48	1985
1986	1.25	0.897	0.380	0.822	---	---	23.8	---	---	---	1.93	1.62	---	1986
MEAN	1.20	1.01	0.875	1.12	5.91	13.9	26.2	16.0	7.01	4.06	2.20	1.64	6.80	MEAN

LOCATION - LAT 61 21 37 N DRAINAGE AREA, 631 km²
LONG 139 08 23 W NATURAL FLOW

DUKE RIVER NEAR THE MOUTH - STATION NO. 09CA004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	56.9 AT 05 00 YST ON AUG 9	34.6 ON JUL 17	0.8458 ON FEB 18	192 000	1981
1982	68.8 AT 01 40 YST ON JUN 7	30.8 ON JUN 7	1.03 B ON FEB 25	192 000	1982
1983	96.9 AT 13 38 YST ON JUL 20 *	85.2 ON JUL 19 *	1.12 A ON APR 13	270 000	1983
1984	---	---	0.4608 ON MAR 15	---	1984
1985	72.4 AT 00 18 YST ON JUL 12	66.7 ON JUL 14	1.01 B ON FEB 24	204 000	1985
1986	---	---	0.1889 ON MAR 31 *	---	1986
				215 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

EAGLE RIVER AT DEMPSTER HIGHWAY BRIDGE - STATION NO. 09FB002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	---	---	---	---	6.35	1.55	0.455	---	1978
1979	0.460	0.452	0.761	1.14	56.6	19.9	25.8	25.8	17.2	5.48	1.89	0.450	13.1	1979
1980	0.184	0.115	0.120	0.136	56.3	18.5	5.04	40.2	12.9	1.84	0.646	0.326	11.5	1980
1981	0.154	0.081	0.077	0.286	53.2	15.7	51.7	11.2	3.72	1.50	0.286	0.051	11.7	1981
1982	0.002	0	0	0.001	44.5	43.8	13.0	18.2	11.7	3.66	0.894	0.105	11.4	1982
1983	0.036	0.018	0.006	0.012	40.7	52.8	3.23	2.50	4.80	2.34	0.841	0.086	8.96	1983
1984	0.001	0	0.008	0.100	22.3	46.0	27.9	22.7	11.1	1.35	0.212	0.003	11.0	1984
1985	0	0	0	0.001	59.7	34.3	5.75	1.82	23.6	7.33	0.073	0	11.1	1985
1986	0	0	0	0.007	10.3	25.8	8.96	21.8	13.8	1.08	0.030	0.014	6.84	1986
MEAN	0.105	0.081	0.120	0.208	43.0	32.1	17.7	18.0	12.4	3.44	0.691	0.166	10.7	MEAN

LOCATION - LAT 65 26 30 N DRAINAGE AREA, 1 720 km²
LONG 136 42 30 W NATURAL FLOW

EAGLE RIVER AT DEMPSTER HIGHWAY BRIDGE - STATION NO. 09FB002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	---	---	---	---	1978
1979	---	131 E ON MAY 17	0.3208 ON DEC 31	414 000	1979
1980	282 AT 02 30 YST ON MAY 18	254 ON MAY 18	0.0918 ON FEB 19	383 000	1980
1981	249 AT 14 30 YST ON MAY 23	196 ON MAY 23	0.0118 ON DEC 30	369 000	1981
1982	174 AT 17 00 YST ON JUN 3	152 ON MAY 26	0 B ON JAN 11 *	359 000	1982
1983	323 AT 13 51 YST ON JUN 17 *	285 ON JUN 17 *	0 B ON MAR 29	283 000	1983
1984	209 AT 02 23 YST ON JUN 10	172 ON MAY 17	0 B ON JAN 9	348 000	1984
1985	174 AT 02 15 YST ON MAY 21	166 ON MAY 23	0 B ON JAN 1	350 000	1985
1986	75.5 AT 08 00 YST ON JUN 1	70.3 ON JUN 1	0 B ON JAN 1	216 000	1986
				338 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

FIRTH RIVER NEAR THE MOUTH - STATION NO. 10MD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	---	143	157	52.4	17.2	8.70	0.466	---	1972
1973	---	---	---	---	---	---	84.4	70.1	48.1	15.3	6.42	0.895	---	1973
1974	0	0	0	0	---	---	130	80.6	48.0	13.8	6.44	0.667	---	1974
1975	0	0	0	0.387	171	125	45.2	45.3	34.8	10.4	2.78	0.484	36.6	1975
1976	0	0	0	1.44	258	183	81.3	22.2	11.2	5.27	3.28	0.198	45.7	1976
1977	0	0	0	0.396	154	347	84.6	40.2	26.8	12.6	3.70	0.393	55.8	1977
1978	0	0	0	0	4.65	172	84.6	57.8	45.3	11.4	0.444	0	29.7	1978
1979	0	0	0	0.872	87.6	90.2	82.4	105	69.4	22.3	4.08	0.026	36.4	1979
1980	0	0	0	0	301	181	56.5	109	49.3	20.6	4.74	0.048	58.9	1980
1981	0	0	0	0	181	86.7	98.1	---	---	8.89	0.289	0	---	1981
1982	0	0	0	0	3.15	157	86.9	68.7	82.2	9.46	0.030	0	32.3	1982
1983	0	0	0	0	15.3	178	121	86.6	51.4	14.3	2.81	0.002	37.5	1983
1984	0	0	0	0	173	117	78.1	77.5	30.2	13.8	2.99	0	41.3	1984
1985	0	0	0	0	35.6	111	84.9	47.7	25.9	6.81	2.55	0.119	26.3	1985
1986	0	0	0	0	12.2	178	108	107	82.2	16.9	5.15	1.35	40.9	1986
MEAN	0	0	0	0.246	113	157	87.8	74.6	44.1	13.1	3.63	0.308	40.0	MEAN

LOCATION - LAT 69 19 00 N DRAINAGE AREA, 5 710 km²
LONG 139 34 00 W NATURAL FLOW

FIRTH RIVER NEAR THE MOUTH - STATION NO. 10MD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1972	609 AT 03:00 MST ON JUN 27	515 ON JUN 27	---	---	1972
1973	272 AT 05:00 MST ON JUN 8	232 ON JUL 20	---	---	1973
1974	---	---	---	---	1974
1975	---	773 ON MAY 29	0B ON JAN 1 *	1 150 000	1975
1976	---	6998 ON MAY 26	0B ON JAN 1	1 440 000	1976
1977	1 330 AT 00:10 MST ON JUN 1 *	1 110 ON JUN 1 *	0B ON JAN 1	1 760 000	1977
1978	---	609RA ON JUN 5	0B ON JAN 1	835 000	1978
1979	677 AT 13:00 MST ON AUG 28	473 ON AUG 28	0B ON JAN 1	1 120 000	1979
1980	---	6328 ON MAY 24	0B ON JAN 1	1 860 000	1980
1981	---	---	0B ON JAN 1	---	1981
1982	---	2868 ON JUN 9	0B ON JAN 1	1 020 000	1982
1983	---	2948 ON JUN 4	0B ON JAN 1	1 180 000	1983
1984	853 AT 01:20 MST ON MAY 28	747 ON MAY 27	0B ON JAN 1	1 300 000	1984
1985	808 AT 11:40 MST ON JUL 1	535 ON JUN 1	0B ON JAN 1	830 000	1985
1986	---	5008 ON JUN 5	0B ON JAN 1	1 290 000	1986
				1 260 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1 1986

FORTYMILE RIVER NEAR THE MOUTH - STATION NO. 09EC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	0.137	0.036	0.047	0.132	394	484	---	---	49.5	18.2	4.91	0.660	---	1982
1983	0.048	0.015	0.013	1.75	202	150	223	251	139	36.8	9.01	2.15	85.4	1983
1984	0.541	0.016	0.140	0.988	---	---	253	98.5	148	41.0	12.0	2.52	---	1984
1985	0.457	0.073	0.037	0.283	278	454	---	---	128	40.0	5.30	0.763	---	1985
1986	0.488	0.267	0.128	0.234	198	---	---	---	26.7	7.96	0.615	0.135	---	1986
MEAN	0.330	0.081	0.073	0.673	268	358	238	175	98.2	28.8	6.37	1.25	85.4	MEAN

LOCATION - LAT 64 23 50 N DRAINAGE AREA, 16 800 km²
LONG 140 36 40 W NATURAL FLOW

FORTYMILE RIVER NEAR THE MOUTH - STATION NO. 09EC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1982	1 440 AT 22:29 YST ON JUN 16 *	1 300 ON JUN 17 *	0.024B ON FEB 22	---	1982
1983	1 040 AT 00:07 YST ON JUL 21	936 ON JUL 21	0 B ON FEB 16 *	2 890 000	1983
1984	803 AT 18:06 YST ON JUL 28	688 ON JUL 28	0 B ON FEB 14	---	1984
1985	748 AT 20:47 YST ON JUN 7	705 ON JUN 7	0.034B ON MAR 30	---	1985
1986	---	710E ON JUN 1	0.074B ON DEC 31	---	1986
				2 890 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

YUKON TERRITORY

FRANCES RIVER NEAR WATSON LAKE - STATION NO. 10AB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	---	---	27.8	33.6	233	606	539	198	193	168	90.1	62.3	---	1963
1964	42.5	36.8	34.0	31.1	85.3	803	459	276	203	126	84.4	51.2	186	1964
1965	36.4	27.2	21.5	22.3	97.1	396	356	204	186	174	---	---	---	1965
1966	---	---	---	---	---	473	337	200	129	141	73.4	51.6	---	1966
1967	40.3	30.8	24.6	22.5	167	726	342	175	139	125	74.4	48.1	160	1967
1968	32.2	24.6	20.0	21.6	147	520	475	290	261	163	81.0	53.5	174	1968
1969	26.5	18.1	17.1	25.1	138	393	273	279	265	150	95.7	56.3	145	1969
1970	34.4	28.3	25.3	24.4	175	453	406	306	226	217	82.6	47.0	170	1970
1971	30.7	25.9	22.6	21.4	204	737	318	144	135	110	58.1	37.7	154	1971
1972	26.3	25.0	20.2	18.5	186	847	432	222	138	97.8	54.9	34.7	175	1972
1973	21.3	18.9	17.4	20.0	204	643	372	232	241	115	52.1	38.8	165	1973
1974	28.1	18.9	14.2	15.0	143	466	343	296	170	129	80.4	49.8	147	1974
1975	38.2	29.7	24.2	23.8	195	664	476	213	168	149	72.9	41.8	175	1975
1976	27.5	25.1	24.4	28.4	267	604	595	232	144	110	63.7	38.8	181	1976
1977	32.2	27.0	23.1	24.4	231	613	411	240	164	154	72.5	36.4	170	1977
1978	26.9	22.3	20.4	25.9	116	383	330	237	139	138	86.6	51.3	132	1978
1979	30.5	23.4	23.7	23.0	148	657	497	267	126	112	68.7	44.0	169	1979
1980	33.5	31.2	28.5	27.4	186	389	239	217	156	191	97.1	47.7	136	1980
1981	37.4	28.4	25.7	25.0	280	467	276	134	157	125	86.5	54.3	142	1981
1982	34.0	27.5	24.0	23.6	123	449	227	122	114	98.8	66.5	45.5	113	1982
1983	30.2	22.7	19.8	20.4	136	481	252	187	203	124	66.1	43.1	132	1983
1984	31.2	19.2	20.5	31.3	148	472	361	215	185	89.9	53.3	38.1	140	1984
1985	30.3	23.5	20.5	19.6	122	583	454	228	176	127	81.4	28.7	157	1985
1986	23.8	23.6	22.7	21.5	120	588	465	237	180	155	109	60.3	168	1986
MEAN	31.6	25.4	22.8	23.9	167	559	385	223	175	137	75.3	46.1	157	MEAN

LOCATION - LAT 60 28 26 N DRAINAGE AREA, 12 800 km²
LONG 129 07 08 W NATURAL FLOW

FRANCES RIVER NEAR WATSON LAKE - STATION NO. 10AB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1963	881 AT 15:30 YST ON JUN 24	852 ON JUN 24	27.88 ON MAR 1	---	1963
1964	1 110 AT 12:00 YST ON JUN 12 *	1 100 ON JUN 12 *	31.18 ON APR 1	5 880 000	1964
1965	484 AT 21:00 YST ON JUN 12	481 ON JUN 12	20.28 ON APR 10	---	1965
1966	880 AT 02:00 YST ON JUN 19	854 ON JUN 19	---	---	1966
1967	830 AT 21:00 YST ON JUN 7	818 ON JUN 7	21.88 ON APR 21	5 040 000	1967
1968	603 AT 05:00 YST ON JUL 14	595 ON JUL 14	19.38 ON APR 11	5 510 000	1968
1969	532 AT 19:00 YST ON JUN 15	530 ON JUN 15	16.88 ON MAR 23	4 580 000	1969
1970	541 AT 00:13 YST ON JUN 8	538 ON JUN 8	23.88 ON APR 13	5 350 000	1970
1971	861 AT 13:31 YST ON JUN 13	858 ON JUN 13	19.88 ON APR 10	4 850 000	1971
1972	1 080 AT 07:50 YST ON JUN 2	1 080 ON JUN 2	18.18 ON APR 19	5 530 000	1972
1973	782 AT 12:43 YST ON JUN 17	782 ON JUN 17	16.48 ON MAR 22	5 210 000	1973
1974	691 AT 20:47 YST ON JUN 23	671 ON JUN 23	13.88 ON APR 14 *	4 630 000	1974
1975	779 AT 23:08 YST ON JUN 6	776 ON JUN 6	22.18 ON MAR 26	5 520 000	1975
1976	929 AT 08:15 YST ON JUL 4	926 ON JUL 4	23.28 ON MAR 25	5 710 000	1976
1977	671 AT 10:00 YST ON JUN 5	668 ON JUN 5	20.48 ON APR 11	5 350 000	1977
1978	456 AT 05:20 YST ON JUN 11	453 ON JUN 11	19.78 ON MAR 5	4 160 000	1978
1979	755 AT 05:14 YST ON JUN 13	751 ON JUN 12	21.88 ON FEB 25	5 330 000	1979
1980	497 AT 15:17 YST ON JUN 12	496 ON JUN 12	25.58 ON APR 20	4 290 000	1980
1981	734 AT 23:53 YST ON MAY 31	724 ON JUN 1	24.28 ON APR 28	4 470 000	1981
1982	586 AT 22:11 YST ON JUN 15	584 ON JUN 15	22.08 ON APR 2	3 570 000	1982
1983	592 AT 15:20 YST ON JUN 5	591 ON JUN 5	19.38 ON MAR 25	4 180 000	1983
1984	636 AT 16:51 YST ON JUN 14	632 ON JUN 14	18.08 ON FEB 14	4 410 000	1984
1985	783 AT 04:58 YST ON JUN 8	776 ON JUN 7	18.78 ON MAR 28	4 940 000	1985
1986	699 AT 14:08 YST ON JUL 4	698 ON JUL 4	21.28 ON APR 25	5 290 000	1986
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		4 940 000	MEAN

GILTANA CREEK NEAR THE MOUTH - STATION NO. 08AA009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	---	---	---	---	0.437	0.263	0.106	---	1980
1981	0.057	0.048	0.045	0.050	1.65	0.561	0.269	0.041	0.257	0.757	0.344	0.091	0.350	1981
1982	0.008	0	0	0.001	2.26	4.17	0.533	1.34	0.642	0.562	0.377	0.151	0.842	1982
1983	0.084	0.103	0.111	0.130	1.72	1.39	0.535	1.10	0.586	0.376	0.140	0.071	0.633	1983
1984	0.030	0.001	0	0.018	0.820	1.05	0.615	0.304	0.786	0.472	0.268	0.171	0.377	1984
1985	0.032	0.001	0	0.001	2.43	2.40	0.651	0.439	0.612	0.526	0.235	0.118	0.824	1985
1986	0.113	0.075	0.031	0.053	---	---	---	---	---	---	0.252	0.125	---	1986
MEAN	0.056	0.038	0.031	0.042	1.78	1.81	0.521	0.645	0.575	0.525	0.268	0.121	0.545	MEAN

LOCATION - LAT 61 11 50 N DRAINAGE AREA, 194 km²
LONG 136 58 42 W NATURAL FLOW

GILTANA CREEK NEAR THE MOUTH - STATION NO. 08AA009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	---	---	---	1980
1981	---	4.93A ON MAY 12	0.006 ON AUG 23	11 000	1981
1982	9.14 AT 04:27 YST ON JUN 2 *	9.04 ON JUN 2 *	0 B ON JAN 16 *	26 500	1982
1983	3.05 AT 05:51 YST ON JUN 5	3.01 ON JUN 5	0.0608 ON DEC 30	16 800	1983
1984	2.33 AT 13:12 YST ON JUN 8	2.31 ON JUN 8	0 B ON FEB 5	11 900	1984
1985	8.02 AT 01:00 YST ON MAY 29	7.99 ON MAY 29	0 B ON FEB 13	19 700	1985
1986	---	---	0.0268 ON MAR 25	---	1986
				17 200	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

HESS RIVER ABOVE EMERALD CREEK - STATION NO. 09DA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	---	---	---	---	---	32.8	17.2	10.3	---	1976
1977	8.58	7.71	6.40	6.06	167	268	121	108	57.1	32.4	15.5	10.2	67.7	1977
1978	7.57	5.54	4.61	4.92	110	315	207	137	55.0	53.5	24.8	14.4	78.4	1978
1979	8.47	5.18	6.14	7.28	160	308	201	140	62.0	49.8	20.7	12.5	82.2	1979
1980	7.68	6.36	5.83	5.91	88.9	242	155	138	70.2	61.7	27.3	9.90	68.4	1980
1981	7.59	6.48	5.96	6.09	88.2	158	143	108	84.4	36.5	23.8	15.5	57.2	1981
1982	10.9	6.54	3.78	3.69	59.3	313	188	133	74.5	47.1	19.6	13.3	71.1	1982
1983	10.2	10.9	12.4	17.0	209	377	145	142	102	62.1	30.8	17.4	95.0	1983
1984	14.4	13.2	12.5	14.3	---	---	---	---	63.6	45.0	27.9	18.9	---	1984
1985	14.0	10.3	9.07	9.57	11.1	---	223	105	76.5	45.9	19.8	14.9	---	1985
1986	14.7	14.2	13.5	12.1	62.3	356	---	---	---	40.2	15.8	12.1	---	1986
MEAN	10.4	8.84	8.02	8.69	106	292	170	126	71.7	47.0	22.1	13.6	74.4	MEAN

LOCATION - LAT 63 19 50 N, LONG 131 30 00 W
DRAINAGE AREA, 4 840 km^2
NATURAL FLOW

HESS RIVER ABOVE EMERALD CREEK - STATION NO. 09DA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	---	---	---	---	1976
1977	532 AT 06:00 YST ON MAY 31	493 ON MAY 30	5.648 ON MAR 24	2 140 000	1977
1978	716 AT 02:15 YST ON JUN 5	580 ON JUN 5	4.508 ON APR 6	2 500 000	1978
1979	487 AT 04:15 YST ON JUN 4	450 ON JUN 3	4.288 ON FEB 9	2 530 000	1979
1980	527 AT 08:42 YST ON JUN 8	485 ON JUN 8	5.418 ON MAR 4	2 180 000	1980
1981	351 AT 08:00 YST ON MAY 27	334 ON MAY 28	5.588 ON APR 10	1 800 000	1981
1982	779 AT 06:38 YST ON JUN 15 *	592 ON JUN 15	3.408 ON MAR 28 *	2 240 000	1982
1983	---	604E ON JUN 3	9.308 ON JAN 11	2 990 000	1983
1984	---	---	11.7 B ON MAR 18	---	1984
1985	---	---	8.608 ON FEB 13	---	1985
1986	759 AT 09:58 YST ON JUN 8	696 ON JUN 8 *	11.0 B ON DEC 25	---	1986
				2 350 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

HYLAND RIVER AT KILOMETRE 108.5 NAHANNI RANGE ROAD - STATION NO. 10AD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	---	---	---	---	---	22.3	13.8	7.41	---	1976
1977	5.61	5.14	4.78	5.45	57.7	183	108	68.8	47.3	25.7	12.8	8.86	44.4	1977
1978	5.05	4.40	3.93	4.54	31.8	149	133	64.4	29.2	33.3	16.1	10.8	40.8	1978
1979	6.02	4.80	4.41	4.30	27.5	194	153	67.7	32.9	29.8	17.3	9.43	46.1	1979
1980	6.17	5.83	5.40	5.45	53.8	151	96.1	73.2	46.6	46.9	20.5	8.76	43.4	1980
1981	6.22	7.09	5.74	5.16	96.3	136	99.4	49.2	51.7	23.2	13.3	8.37	42.2	1981
1982	6.07	4.99	4.24	5.11	26.6	143	83.0	48.4	34.5	24.7	16.9	11.0	34.1	1982
1983	7.07	4.77	3.43	5.13	38.3	178	88.2	70.5	42.7	22.5	12.9	7.17	40.2	1983
1984	5.78	4.94	3.48	3.78	42.2	147	111	86.1	39.5	18.6	11.6	8.88	40.3	1984
1985	6.31	5.38	4.83	4.43	22.0	153	158	88.0	41.4	17.2	5.85	5.88	41.2	1985
1986	5.47	4.65	4.83	5.38	24.7	162	154	85.2	33.5	25.1	13.4	11.3	42.7	1986
MEAN	6.18	5.20	4.53	4.87	42.1	160	118	68.3	39.9	26.3	14.2	8.70	41.5	MEAN

LOCATION - LAT 61 28 00 N, LONG 128 14 10 W
DRAINAGE AREA, 2 150 km^2
NATURAL FLOW

HYLAND RIVER AT KILOMETRE 108.5 NAHANNI RANGE ROAD - STATION NO. 10AD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	---	---	---	---	1976
1977	253 AT 16:15 YST ON JUN 20	246 ON JUN 21	4.398 ON MAR 22	1 400 000	1977
1978	275 AT 22:06 YST ON JUL 2	251 ON JUL 2	3.658 ON APR 8	1 290 000	1978
1979	263 AT 10:33 YST ON JUN 27	258 ON JUN 27	3.948 ON MAR 31	1 450 000	1979
1980	283 AT 01:44 YST ON JUN 10	283 ON JUN 9	5.138 ON APR 14	1 370 000	1980
1981	279 AT 08:40 YST ON MAY 31	276 ON MAY 30	4.608 ON APR 9	1 330 000	1981
1982	248 AT 05:04 YST ON JUN 15	234 ON JUN 15	4.028 ON MAR 25	1 080 000	1982
1983	300 AT 22:13 YST ON JUN 1 *	290 ON JUN 2 *	3.308 ON MAR 9	1 270 000	1983
1984	229 AT 07:59 YST ON JUN 11	218 ON JUN 11	3.018 ON APR 2 *	1 270 000	1984
1985	257 AT 07:22 YST ON JUL 4	251 ON JUL 4	4.088 ON APR 26	1 300 000	1985
1986	286 AT 02:05 YST ON JUL 2	281 ON JUL 2	4.558 ON FEB 25	1 350 000	1986
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 310 000	MEAN

INDIAN RIVER ABOVE THE MOUTH - STATION NO. 09EB003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	0.043	0.012	0.010	0.013	22.9	21.8	4.51	3.24	2.69	1.62	0.549	0.133	4.81	1982
1983	0.037	0.018	0.015	7.25	25.7	9.45	5.91	7.85	5.69	1.92	0.493	0.120	5.41	1983
1984	0.030	0.003	0.040	1.67	---	---	8.28	3.96	8.07	1.67	0.396	0.013	---	1984
1985	0	0	0	0.015	33.5	26.3	11.8	15.3	9.69	5.59	0.429	0.044	8.62	1985
1986	0.027	0.011	0	0.006	13.6	11.7	4.58	4.46	3.01	0.449	0.025	0.003	3.18	1986
MEAN	0.027	0.009	0.013	1.79	23.9	17.3	7.02	6.98	5.43	2.25	0.378	0.063	5.51	MEAN

LOCATION - LAT 63 46 16 N LONG 139 37 45 W DRAINAGE AREA, 2 220 km^2 NATURAL FLOW

INDIAN RIVER ABOVE THE MOUTH - STATION NO. 09EB003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	---	79.9A ON MAY 21	0.0098 ON FEB 16	152 000	1982
1983	74.2 AT 02:00 YST ON APR 29	71.1 ON APR 29	0.0148 ON MAR 3	171 000	1983
1984	---	---	0 B ON FEB 3 *	---	1984
1985	105 AT 03:11 YST ON MAY 22 *	102 ON MAY 22 *	0 B ON JAN 1	272 000	1985
1986	57.7 AT 00:24 YST ON MAY 28	53.9 ON MAY 28	0 B ON MAR 1	100 000	1986
	A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		174 000	MEAN

KATHLEEN RIVER NEAR HAINES JUNCTION - STATION NO. 08AA004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	---	---	---	22.0	14.3	9.47	6.83	4.84	4.24	---	1959
1960	3.48	2.81	2.47	2.12	4.77	24.5	29.0	19.7	12.2	8.07	5.59	4.50	9.86	1960
1961	3.93	3.12	2.71	2.43	4.27	27.9	37.0	21.3	13.9	10.5	6.68	5.41	11.7	1961
1962	4.87	3.82	3.23	2.65	3.33	28.6	37.7	19.5	10.8	11.5	8.83	6.41	11.8	1962
1963	5.38	4.08	3.21	2.68	4.72	18.3	35.8	19.9	14.6	10.1	6.30	5.30	10.9	1963
1964	4.53	3.79	3.25	2.80	---	---	---	---	---	---	---	---	---	1964
MEAN	4.44	3.52	2.97	2.54	4.27	24.8	32.3	18.9	12.2	9.40	6.45	5.17	11.1	MEAN

LOCATION - LAT 60 35 35 N LONG 137 13 45 W DRAINAGE AREA, 842 km^2 NATURAL FLOW

KATHLEEN RIVER NEAR HAINES JUNCTION - STATION NO. 08AA004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1959	---	---	---	---	1959
1960	---	38.5 ON JUN 30	2.01 ON APR 14 *	315 000	1960
1961	---	47.9E ON JUL 1	2.32 ON APR 8	367 000	1961
1962	---	54.1 ON JUN 26	2.61 ON APR 20	373 000	1962
1963	---	44.5 ON JUL 10	2.48 ON APR 24	344 000	1963
1964	---	65.1 ON JUN 20 *	2.39 ON MAY 5	---	1964
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		350 000	MEAN

KING CREEK AT KILOMETRE 20.9 NAHANNI RANGE ROAD - STATION NO. 10AB003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	---	---	---	---	0.151	0.111	0.076	0.039	0.028	---	1975
1976	0.021	0.017	0.016	0.024	0.343	0.759	0.421	0.098	0.058	0.040	0.037	0.026	0.155	1976
1977	0.023	0.024	0.023	0.023	0.316	0.465	0.238	0.136	0.085	0.044	0.037	0.030	0.121	1977
1978	0.027	0.018	0.013	0.011	---	---	---	---	0.075	0.086	0.053	0.034	---	1978
1979	0.020	0.011	0.015	0.020	0.231	0.453	0.349	0.149	0.104	0.094	0.066	0.035	0.129	1979
1980	0.025	0.027	0.025	0.025	0.235	0.262	0.195	0.155	0.133	0.234	0.095	0.047	0.131	1980
1981	0.036	0.028	0.023	0.019	0.301	0.258	0.167	0.082	0.140	0.108	0.089	0.040	0.108	1981
1982	0.026	0.020	0.015	0.013	0.069	0.501	0.157	0.088	0.083	0.054	0.020	0.012	0.088	1982
1983	0.003	0	0.006	0.020	0.174	0.263	0.100	0.103	0.101	0.078	0.048	0.022	0.077	1983
1984	0.012	0.002	0.002	0.020	0.186	0.539	0.263	0.113	0.093	0.063	0.032	0.022	0.112	1984
1985	0.014	0.011	0.010	0.010	0.164	0.535	0.230	0.105	0.115	0.084	0.050	0.033	0.113	1985
1986	0.033	0.040	0.036	0.028	0.214	0.482	0.366	0.263	0.163	0.161	0.096	0.047	0.161	1986
MEAN	0.022	0.018	0.017	0.019	0.223	0.452	0.248	0.131	0.105	0.093	0.054	0.031	0.118	MEAN

LOCATION - LAT 60 56 50 N DRAINAGE AREA, 13.7 km²
LONG 128 55 40 W NATURAL FLOW

KING CREEK AT KILOMETRE 20.9 NAHANNI RANGE ROAD - STATION NO. 10AB003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1975	---	---	---	---	1975
1976	2.16 AT 22:13 YST ON JUN 9 *	1.81 ON JUL 3 *	0.0168 ON FEB 13	4 910	1976
1977	1.05 AT 02:00 YST ON MAY 25	0.949 ON MAY 25	0.0218 ON JAN 11	3 810	1977
1978	---	---	0.0118 ON MAR 25	---	1978
1979	0.991 AT 15:00 YST ON MAY 31	0.873 ON JUN 2	0.0108 ON FEB 9	4 090	1979
1980	0.808 AT 21:10 YST ON MAY 14	0.669 ON JUN 1	0.0228 ON APR 6	3 830	1980
1981	1.14 AT 14:20 YST ON MAY 26	0.852 ON MAY 26	0.0178 ON APR 10	3 350	1981
1982	1.27 AT 01:28 YST ON JUN 9	1.07 ON JUN 9	0.0098 ON DEC 25	2 770	1982
1983	1.20 AT 21:50 YST ON MAY 30	1.03 ON MAY 31	0 B ON JAN 15 *	2 420	1983
1984	1.58 AT 18:30 YST ON JUN 8	1.45 ON JUN 8	0 B ON FEB 12	3 550	1984
1985	1.56 AT 20:09 YST ON JUN 3	1.24 ON JUN 3	0.009E ON APR 28	3 580	1985
1986	1.37 AT 04:00 YST ON MAY 27	1.23 ON MAY 30	0.0278 ON APR 14	5 090	1986
				3 740	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

KLONDIKE RIVER ABOVE BONANZA CREEK - STATION NO. 09EA003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	208	141	85.9	48.7	21.8	20.5	---	1965
1966	12.6	11.2	10.9	13.6	166	301	76.3	38.6	46.8	31.5	17.0	10.6	61.5	1966
1967	9.87	9.48	9.06	10.5	150	207	83.9	127	157	51.4	26.0	18.1	71.8	1967
1968	14.1	11.3	10.1	11.9	183	258	102	79.2	52.5	27.8	21.4	15.2	65.7	1968
1969	11.5	8.31	6.33	19.1	105	150	38.6	31.1	44.2	29.4	14.5	13.2	39.3	1969
1970	8.51	6.59	5.48	6.07	138	213	115	83.1	72.7	38.7	22.9	12.8	60.5	1970
1971	9.00	8.75	9.15	12.9	222	329	84.5	78.0	105	39.1	24.1	16.3	78.3	1971
1972	11.1	9.22	8.15	8.44	165	232	57.4	65.6	82.5	35.7	18.4	13.0	58.9	1972
1973	9.84	8.37	7.99	9.56	184	---	---	---	---	33.4	16.0	11.2	---	1973
1974	6.25	4.95	5.38	7.64	164	156	80.4	72.1	50.6	23.8	16.2	14.0	48.7	1974
1975	8.89	9.54	10.1	12.6	239	279	120	83.5	85.9	59.6	24.1	14.9	79.4	1975
1976	12.6	10.8	9.76	15.0	151	196	83.4	56.0	37.8	26.4	13.9	7.97	51.7	1976
1977	10.1	10.2	9.06	13.6	181	292	84.7	51.0	38.3	31.1	13.1	8.45	62.8	1977
1978	8.00	7.11	8.91	11.4	66.2	145	88.7	40.0	42.5	42.5	22.9	17.6	41.7	1978
1979	12.1	8.08	8.76	12.7	228	235	219	98.2	90.6	86.7	20.7	10.3	84.4	1979
1980	9.95	11.2	12.2	18.4	139	188	92.0	113	86.7	57.0	20.9	8.89	83.2	1980
1981	9.32	9.58	11.4	10.8	131	144	146	107	119	69.4	31.6	18.8	67.7	1981
1982	10.2	9.02	8.41	8.32	124	252	109	49.0	44.5	26.7	17.2	12.3	56.0	1982
1983	10.1	10.3	9.76	13.9	108	190	80.0	74.6	62.5	40.6	25.4	16.2	53.5	1983
1984	9.09	8.46	10.3	15.9	159	205	108	54.7	47.9	28.6	17.0	13.9	56.6	1984
1985	11.4	9.09	9.50	10.2	181	318	122	93.7	74.7	44.2	16.9	11.9	75.5	1985
1986	11.3	9.67	7.74	8.14	123	223	92.0	108	58.2	31.0	19.1	12.9	58.7	1986
MEAN	10.3	9.10	8.88	11.9	157	226	104	78.3	70.7	40.1	20.1	13.6	61.8	MEAN

LOCATION - LAT 64 02 34 N DRAINAGE AREA, 7 800 km²
LONG 139 24 28 W NATURAL FLOW

KLONDIKE RIVER ABOVE BONANZA CREEK - STATION NO. 09EA003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	---	433 ON JUN 9	10.1 B ON DEC 25	1 940 000	1966
1967	---	411 ON JUN 2	8.698 ON APR 4	2 280 000	1967
1968	---	367 ON MAY 21	9.498 ON MAR 31	2 080 000	1968
1969	---	286 ON JUN 11	5.668 ON MAR 19	1 240 000	1969
1970	---	343 ON JUN 25	5.108 ON APR 2	1 910 000	1970
1971	---	476 ON JUN 11	7.848 ON MAR 7	2 470 000	1971
1972	---	640 ON MAY 28 *	7.288 ON APR 3	1 880 000	1972
1973	---	---	7.568 ON MAR 19	---	1973
1974	326 AT 03:08 YST ON MAY 25	317 ON MAY 24	4.818 ON FEB 1 *	1 540 000	1974
1975	---	544A ON MAY 13	8.868 ON FEB 13	2 500 000	1975
1976	---	374 ON JUN 19	7.088 ON DEC 5	1 830 000	1976
1977	---	425A ON JUN 9	7.558 ON DEC 10	1 980 000	1977
1978	228 AT 00:00 YST ON JUN 9	210 ON JUN 9	6.548 ON MAR 5	1 320 000	1978
1979	---	408B ON MAY 3	7.568 ON FEB 12	2 680 000	1979
1980	---	360E ON JUN 8	7.558 ON DEC 19	2 000 000	1980
1981	308 AT 10:30 YST ON MAY 29	302 ON MAY 29	7.658 ON FEB 12	2 130 000	1981
1982	422 AT 13:50 YST ON JUN 9	416 ON JUN 9	7.608 ON APR 2	1 770 000	1982
1983	491 AT 21:45 YST ON JUN 1	468 ON JUN 2	9.318 ON MAR 10	1 690 000	1983
1984	303 AT 12:54 YST ON JUN 10	302 ON JUN 10	7.058 ON JAN 30	1 790 000	1984
1985	633 AT 17:24 YST ON JUN 7 *	621 ON JUN 7	8.208 ON FEB 22	2 380 000	1985
1986	478 AT 13:18 YST ON JUN 9	455 ON JUN 9	7.408 ON MAR 31	1 850 000	1986
				1 950 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

KLUANE RIVER AT OUTLET OF KLUANE LAKE - STATION NO. 09CA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1952	---	---	---	---	---	---	---	---	---	---	---	10.9	---	1952
1953	6.10	5.68	10.7	15.6	24.9	74.1	145	112	80.4	46.0	24.3	7.84	46.7	1953
1954	6.03	5.62	5.35	5.35	12.7	74.8	172	248	214	107	41.8	11.8	75.8	1954
1955	9.79	8.79	8.34	10.8	10.3	33.8	162	228	185	70.7	29.1	11.3	62.8	1955
1956	4.09	1.77	1.04	1.23	12.9	80.9	216	274	191	108	50.8	20.0	80.7	1956
1957	16.7	16.3	15.1	13.4	27.7	135	244	310	234	120	56.6	33.4	102	1957
1958	15.4	13.4	12.8	14.8	22.3	104	214	132	69.0	32.7	17.7	10.6	55.6	1958
1959	8.34	6.88	6.03	10.9	23.2	96.9	211	220	167	81.0	38.3	14.0	74.2	1959
1960	15.4	17.1	12.0	11.7	26.5	88.7	157	238	178	85.0	35.4	22.7	72.6	1960
1961	19.2	17.6	17.6	15.6	22.4	55.4	137	220	148	63.9	31.1	20.4	64.5	1961
1962	11.6	5.95	5.95	5.95	18.7	102	228	306	223	96.2	---	17.5	---	1962
1963	17.0	15.9	15.3	15.7	27.7	89.7	---	---	---	---	39.5	18.4	---	1963
1964	17.3	17.8	17.8	18.7	21.1	120	206	269	188	82.4	35.6	7.98	83.7	1964
1965	6.48	6.55	6.09	5.25	12.5	54.9	131	202	150	88.2	34.1	17.4	58.3	1965
1966	10.2	8.51	7.67	8.44	12.9	80.8	240	291	130	49.5	21.6	13.0	73.6	1966
1967	9.34	8.85	8.69	8.68	23.2	143	192	147	76.0	42.9	25.7	12.4	58.5	1967
1968	5.79	7.07	11.4	13.6	29.4	76.5	181	165	95.7	49.2	19.8	7.22	58.4	1968
1969	8.13	6.68	8.97	19.7	30.8	106	258	257	150	77.4	35.7	8.98	80.8	1969
1970	9.49	16.0	18.2	16.4	20.2	55.9	122	114	82.2	33.5	12.5	5.21	40.8	1970
1971	2.39	0.649	0.637	1.15	8.97	85.9	197	348	214	89.8	33.3	15.8	81.9	1971
1972	10.2	10.1	10.4	12.8	35.7	108	244	302	207	84.8	49.2	26.8	83.1	1972
1973	16.1	12.0	13.4	14.8	33.0	46.5	171	232	160	77.5	34.2	14.5	68.6	1973
1974	8.40	4.32	4.10	5.33	26.2	83.3	186	265	216	109	46.8	24.5	82.1	1974
1975	14.4	13.4	20.4	18.2	30.6	46.1	207	260	184	102	56.1	21.8	81.1	1975
1976	15.4	13.2	14.5	19.9	28.8	76.6	216	244	156	78.7	38.9	14.8	76.9	1976
1977	17.5	23.8	19.0	15.2	17.6	66.6	167	225	179	87.3	46.3	25.1	73.7	1977
1978	18.9	16.8	19.9	19.7	22.0	65.6	170	288	213	92.6	33.0	11.5	81.5	1978
1979	8.44	10.8	16.1	21.6	33.4	82.6	210	308	231	99.8	46.2	18.4	91.2	1979
1980	15.9	15.6	17.8	23.0	25.3	71.6	178	242	170	103	44.4	27.4	78.3	1980
1981	22.0	18.2	16.6	14.9	25.7	68.2	173	272	202	93.4	38.9	21.8	81.0	1981
1982	13.5	12.7	12.3	11.2	17.8	95.6	203	276	167	81.5	42.3	16.9	82.3	1982
1983	13.0	12.2	13.5	18.4	23.4	76.2	206	276	171	78.4	41.7	25.2	80.0	1983
1984	14.7	13.4	17.2	16.7	16.9	45.8	150	218	150	71.2	36.9	23.0	64.8	1984
1985	17.5	16.0	15.1	14.7	18.0	44.3	150	240	190	91.8	36.8	34.0	72.9	1985
1986	28.7	26.3	22.0	17.0	22.5	57.7	208	276	177	84.5	32.2	20.8	81.0	1986
MEAN	12.9	12.1	12.4	13.4	21.9	77.8	190	243	168	80.6	36.2	17.5	73.7	MEAN

LOCATION - LAT 61 25 37 N LONG 138 02 58 W DRAINAGE AREA, 4 950 km^2 NATURAL FLOW

REMARKS - CONTRIBUTING FLOW OF KUSKAWULSH GLACIER REDUCED IN 1967

KLUANE RIVER AT OUTLET OF KLUANE LAKE - STATION NO. 09CA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1952	---	---	---	---	1952
1953	---	182 ON JUL 6	4.86 B ON FEB 10	1 470 000	1953
1954	---	289 ON AUG 14	5.24 B ON MAR 29	2 390 000	1954
1955	---	242 ON AUG 13	8.65 B ON DEC 31	1 980 000	1955
1956	---	283 ON AUG 16	0.8535 ON MAR 31	2 550 000	1956
1957	---	331 ON AUG 16	12.2 B ON APR 21	3 230 000	1957
1958	---	244 ON JUL 15	8.40 B ON DEC 31	1 780 000	1958
1959	---	229 ON AUG 26	5.72 B ON MAR 13	2 340 000	1959
1960	---	275 ON AUG 21	10.8 B ON MAR 20	2 280 000	1960
1961	237 AT 05:00 YST ON AUG 12	235 ON AUG 12	14.3 B ON APR 29	2 030 000	1961
1962	317 AT 16:00 YST ON AUG 18	314 ON AUG 16	5.85 B ON FEB 1	---	1962
1963	---	311E ON AUG 23	14.4 B ON APR 1	---	1963
1964	294 AT 19:00 YST ON AUG 7	294 ON AUG 8	8.51 B ON DEC 31	2 650 000	1964
1965	219 AT 12:00 YST ON AUG 24	218 ON AUG 25	5.04 B ON APR 21	1 840 000	1965
1966	337 AT 18:15 YST ON AUG 10	326 ON JUL 30	7.36 B ON MAR 22	2 320 000	1966
1967	216 AT 17:15 YST ON JUN 26	209 ON JUN 26	7.79 B ON DEC 31	1 680 000	1967
1968	232 AT 19:00 YST ON JUL 19	221 ON JUL 15	4.87 B ON FEB 4	1 780 000	1968
1969	309 AT 20:15 YST ON AUG 7	303 ON AUG 8	5.35 B ON JAN 20	2 550 000	1969
1970	151 AT 15:54 YST ON JUL 20	150 ON JUL 20	4.19 B ON DEC 31	1 290 000	1970
1971	385 AT 02:30 YST ON AUG 15 *	382 ON AUG 14 *	0.6388 ON FEB 27 *	2 580 000	1971
1972	314 AT 15:40 YST ON AUG 10	314 ON AUG 10	9.63 B ON MAR 5	2 840 000	1972
1973	251 AT 02:10 YST ON AUG 14	245 ON AUG 14	9.17 B ON DEC 31	2 180 000	1973
1974	311 AT 19:50 YST ON AUG 19	300 ON AUG 19	3.89 B ON MAR 11	2 590 000	1974
1975	274 AT 03:55 YST ON AUG 11	273 ON AUG 11	11.5 B ON FEB 12	2 580 000	1975
1976	277 AT 12:00 YST ON AUG 11	3628 ON AUG 8	12.6 B ON FEB 14	2 430 000	1976
1977	262 AT 20:00 YST ON AUG 24	262 ON AUG 24	14.5 B ON APR 19	2 320 000	1977
1978	326 AT 22:00 YST ON AUG 17	323 ON AUG 18	9.00 B ON DEC 28	2 570 000	1978
1979	323 AT 04:50 YST ON AUG 28	319 ON AUG 18	8.88 B ON JAN 10	2 670 000	1979
1980	287 AT 11:13 YST ON AUG 15	285 ON AUG 15	14.3 B ON JAN 31	2 470 000	1980
1981	335 AT 14:34 YST ON AUG 15	308 ON AUG 15	14.4 B ON APR 14	3 650 000	1981
1982	323 AT 15:47 YST ON AUG 7	310 ON AUG 7	11.0 B ON APR 8	2 600 000	1982
1983	288 AT 12:05 YST ON AUG 13	284 ON AUG 14	11.5 B ON FEB 10	2 620 000	1983
1984	297 AT 21:21 YST ON AUG 24	245 ON AUG 19	11.9 B ON JAN 31	2 050 000	1984
1985	283 AT 06:41 YST ON AUG 21	283 ON AUG 21	13.8 ON APR 27	2 300 000	1985
1986	321 AT 01:33 YST ON AUG 8	311 ON AUG 8	16.2 B ON APR 23	2 560 000	1986
				2 230 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LIARD RIVER AT UPPER CROSSING - STATION NO. 10AA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	---	---	---	---	---	1 240	857	480	455	280	119	113	---	1960
1961	99.1	79.3	75.0	88.8	740	1 950	710	344	404	300	121	119	418	1961
1962	99.1	79.3	58.1	59.5	413	2 240	1 260	533	550	429	219	170	518	1962
1963	142	127	99.1	85.5	747	1 420	1 150	436	435	378	187	135	448	1963
1964	108	85.0	85.0	90.5	235	2 070	898	589	451	302	168	127	433	1964
1965	102	85.0	70.8	98.1	590	1 090	808	611	395	341	138	73.7	351	1965
1966	89.2	55.9	50.5	64.4	369	1 170	717	441	304	348	177	130	325	1966
1967	98.5	77.4	63.5	61.4	617	1 550	893	377	301	333	187	154	369	1967
1968	103	71.4	60.3	62.5	498	1 240	1 060	586	588	377	203	145	418	1968
1969	82.2	57.4	51.8	62.0	646	990	570	587	706	383	235	165	371	1969
1970	111	85.4	75.0	75.7	594	1 030	803	528	475	531	314	128	385	1970
1971	81.6	60.3	59.5	90.8	531	1 630	671	318	315	253	148	113	359	1971
1972	81.7	59.4	54.4	62.5	588	1 630	800	508	338	267	142	111	403	1972
1973	93.9	77.4	84.5	87.1	564	1 380	727	461	476	320	130	86.2	362	1973
1974	88.9	81.0	83.7	84.3	545	1 100	888	888	384	344	182	133	374	1974
1975	96.0	82.5	73.9	88.5	486	1 300	1 040	474	384	304	144	111	383	1975
1976	77.9	66.6	64.5	87.0	888	1 580	1 390	577	383	281	189	107	446	1976
1977	85.4	92.9	82.0	104	602	1 410	883	487	381	303	150	104	391	1977
1978	74.6	65.0	58.1	57.7	327	784	525	420	301	328	201	188	276	1978
1979	108	76.0	75.8	76.2	518	1 470	1 320	641	334	288	178	107	417	1979
1980	94.0	90.0	73.1	81.2	584	923	535	486	358	463	224	120	335	1980
1981	116	103	88.4	81.7	903	1 120	827	330	435	338	233	159	378	1981
1982	99.1	82.8	67.6	82.2	393	1 150	932	280	374	231	124	91.4	280	1982
1983	70.2	54.0	58.3	64.8	428	1 100	529	341	389	258	138	87.1	298	1983
1984	82.9	66.8	68.9	74.5	488	1 170	687	391	362	225	138	88.3	316	1984
1985	78.4	64.5	67.1	82.8	376	1 380	950	440	382	271	145	108	357	1985
1986	89.2	68.4	67.6	81.2	412	1 330	1 040	478	374	433	280	177	404	1986
MEAN	92.8	76.8	67.1	77.0	523	1 380	831	487	404	328	178	124	377	MEAN

LOCATION - LAT 60 03 00 N, LONG 128 54 00 W
DRAINAGE AREA, 33 400 km^2
NATURAL FLOW

LIARD RIVER AT UPPER CROSSING - STATION NO. 10AA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1960	---	1 800 ON JUN 30	---	---	1960
1961	---	3 030 ON JUN 12	75.08 ON MAR 1	13 200 000	1961
1962	---	2 780 ON JUN 23	96.18 ON MAR 1	16 300 000	1962
1963	---	1 870 ON JUN 24	85.08 ON APR 1	14 100 000	1963
1964	---	2 940 ON JUN 11	85.08 ON FEB 1	13 700 000	1964
1965	---	1 480 ON JUN 1	59.58 ON APR 12	11 100 000	1965
1966	---	1 510 ON JUN 19	49.68 ON MAR 23	10 300 000	1966
1967	---	1 980 ON JUN 7	59.28 ON APR 6	11 600 000	1967
1968	---	1 540 ON JUN 13	57.88 ON APR 6	13 200 000	1968
1969	---	1 340 ON JUN 12	49.68 ON MAR 29	11 700 000	1969
1970	---	1 480 ON JUN 6	70.88 ON MAR 30	13 100 000	1970
1971	---	2 250 ON JUN 13	64.68 ON MAR 25	11 300 000	1971
1972	---	3 060 ON JUN 2 *	51.58 ON MAR 28	12 700 000	1972
1973	---	1 610 ON JUN 17	60.68 ON MAR 24	11 400 000	1973
1974	---	1 380 ON JUN 24	49.38 ON APR 8 *	11 800 000	1974
1975	1 680 AT 17 00 YST ON JUN 4	1 670 ON JUN 6	71.98 ON MAR 27	12 100 000	1975
1976	---	2 050 ON JUN 13	83.18 ON MAR 24	14 100 000	1976
1977	1 950 AT 11 50 YST ON JUN 5	1 930 ON JUN 5	75.58 ON MAR 21	13 300 000	1977
1978	---	843A ON JUN 9	96.18 ON MAR 6	6 680 000	1978
1979	---	1 910A ON JUN 4	85.48 ON MAR 1	13 200 000	1979
1980	1 280 AT 09 13 YST ON JUN 11	1 230 ON JUN 11	87.18 ON MAR 22	10 600 000	1980
1981	2 080 AT 06 32 YST ON MAY 29	2 080 ON MAY 29	77.08 ON APR 20	11 900 000	1981
1982	1 670 AT 04 35 YST ON JUN 5	1 660 ON JUN 4	95.08 ON FEB 25	8 820 000	1982
1983	1 720 AT 10 50 YST ON JUN 3	1 710 ON JUN 3	93.08 ON FEB 14	8 330 000	1983
1984	1 770 AT 01 18 YST ON JUN 10	1 730 ON JUN 10	95.78 ON FEB 11	10 000 000	1984
1985	2 310 AT 04 04 YST ON JUN 7 *	2 270 ON JUN 7	56.08 ON MAR 25	11 300 000	1985
1986	1 890 AT 12 26 YST ON JUN 9	1 870 ON JUN 9	64.58 ON FEB 15	12 800 000	1986
				11 900 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

LITTLE SOUTH KLONDIKE RIVER BELOW ROSS CREEK - STATION NO. 09EA005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	1.08	1.05	1.05	1.36	22.3	19.5	10.3	11.2	7.77	3.46	2.83	1.47	6.97	1983
1984	0.840	0.878	1.30	1.78	23.2	14.9	9.35	5.37	5.14	3.61	2.07	1.71	5.26	1984
1985	1.46	1.15	1.30	1.30	22.5	35.6	7.35	6.78	6.71	4.98	2.12	1.53	7.93	1985
1986	1.35	1.08	0.827	0.901	15.4	29.5	7.71	14.1	7.63	3.95	1.97	1.35	7.06	1986
MEAN	1.18	1.04	1.12	1.34	20.9	26.0	8.68	9.35	7.56	3.70	2.10	1.52	7.06	MEAN

LOCATION - LAT 63 59 45 N LONG 137 34 30 W DRAINAGE AREA, 660 km^2 NATURAL FLOW

LITTLE SOUTH KLONDIKE RIVER BELOW ROSS CREEK - STATION NO. 09EA005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	165 AT 11 40 YST ON MAY 31	126 ON MAY 31	1.01 B ON JAN 24	220 000	1983
1984	66.9 AT 08 21 YST ON MAY 19	60.0 ON MAY 19	0.691B ON JAN 25 *	166 000	1984
1985	179 AT 04 23 YST ON JUN 7 *	131 ON JUN 7 *	1.02 B ON FEB 21	250 000	1985
1986	143 AT 09 25 YST ON JUN 9	106 ON JUN 8	0.780B ON MAR 25	223 000	1986
				233 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

LUBBOCK RIVER NEAR ATLIN - STATION NO. 09AA007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1955	---	---	---	---	---	---	1.12	0.979	0.980	1.14	1.10	0.871	---	1955
1956	0.725	0.680	---	---	---	3.81	2.12	1.37	1.56	1.74	2.16	2.06	---	1956
1957	1.84	---	---	---	---	---	---	2.23	2.02	2.22	---	---	---	1957
1958	---	---	---	---	---	---	---	---	0.887	---	---	---	---	1958
1959	---	---	---	---	---	---	2.86	1.90	2.35	---	---	---	---	1959
1960	---	---	---	---	8.91	7.27	5.08	2.72	1.77	2.54	---	---	---	1960
1961	---	---	---	---	---	---	5.72	3.15	3.07	3.64	---	---	---	1961
1962	---	---	---	---	---	---	---	4.62	5.81	6.84	---	---	---	1962
1963	---	---	---	---	---	---	---	---	---	6.64	6.36	5.38	---	1963
1964	4.98	4.19	3.88	3.11	8.42	13.8	8.85	8.04	5.36	---	---	---	---	1964
1965	---	---	---	---	---	10.0	4.81	2.39	2.46	3.52	---	---	---	1965
1966	---	---	---	---	8.93	8.19	4.80	3.00	3.13	3.85	---	---	---	1966
1967	---	---	---	---	11.1	10.8	6.33	3.75	3.44	3.56	3.25	3.09	---	1967
1968	2.48	2.13	2.07	2.00	6.75	6.48	3.00	2.73	4.61	6.84	5.08	4.00	3.81	1968
1969	3.09	2.90	3.07	2.98	6.06	6.29	4.33	5.84	8.42	7.87	5.71	4.84	5.13	1969
1970	4.28	4.18	3.83	4.00	8.70	5.23	2.76	1.74	2.57	4.23	4.43	5.30	4.08	1970
1971	3.71	3.34	3.16	3.16	7.35	7.46	3.67	2.22	2.88	3.24	2.79	2.78	3.83	1971
1972	2.52	2.59	2.55	3.52	11.8	15.2	5.85	4.83	4.38	4.82	4.63	3.85	5.84	1972
1973	3.38	3.00	2.87	3.37	7.83	5.75	3.72	3.33	3.72	3.61	3.28	3.20	3.83	1973
1974	2.31	1.76	1.62	2.15	8.48	8.70	6.25	6.83	6.38	7.03	6.31	4.80	5.24	1974
1975	4.07	3.80	3.68	3.28	7.45	5.38	4.47	3.95	4.45	4.49	3.58	3.09	4.20	1975
1976	3.26	3.14	2.88	4.95	12.2	9.93	6.05	5.33	4.75	4.64	4.81	4.16	5.60	1976
1977	3.61	3.59	3.24	4.20	7.80	8.26	7.33	5.49	4.98	5.84	5.44	4.35	5.43	1977
1978	3.63	3.23	2.76	3.13	5.85	4.63	3.17	2.68	2.73	3.02	3.34	2.85	3.44	1978
1979	2.28	1.83	2.35	3.24	8.31	8.88	11.2	7.22	5.13	4.58	4.23	3.62	5.10	1979
1980	3.22	3.27	3.20	3.80	7.38	4.06	2.38	2.17	2.78	4.28	4.65	3.83	3.75	1980
1981	3.61	3.84	4.69	4.41	9.80	7.73	5.31	3.14	3.39	4.41	4.40	3.45	4.82	1981
1982	2.81	2.06	1.58	1.84	3.84	2.56	1.90	1.72	2.10	2.55	2.77	2.19	2.32	1982
1984	2.33	2.98	2.67	2.19	3.18	2.85	1.78	1.60	2.07	2.41	2.33	2.42	2.38	1984
1985	3.01	2.86	3.06	3.53	9.80	8.42	2.95	1.88	1.94	2.67	2.20	2.44	3.48	1985
1986	2.86	2.37	2.72	2.86	6.92	5.10	2.91	2.46	2.87	5.76	4.33	4.31	3.69	1986
MEAN	3.04	2.83	2.84	3.26	7.43	7.20	4.40	3.35	3.40	4.17	3.97	3.50	4.18	MEAN

LOCATION - LAT 59 04 52 N DRAINAGE AREA, 1 770 km²
LONG 133 51 30 W NATURAL FLOW

LUBBOCK RIVER NEAR ATLIN - STATION NO. 09AA007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1955	---	---	---	---	1955
1956	---	---	---	---	1956
1957	---	---	---	---	1957
1958	---	---	---	---	1958
1959	---	---	---	---	1959
1960	9.99 AT 13 00 YST ON MAY 13	9.83 ON MAY 13	---	---	1960
1961	8.41 AT 18 00 YST ON JUN 27	8.30 ON JUN 27	---	---	1961
1962	---	---	---	---	1962
1963	---	---	---	---	1963
1964	18.7 AT 21 00 YST ON JUN 7	18.5 ON JUN 7	2.898 ON MAY 1	---	1964
1965	14.3 AT 18 00 YST ON MAY 31	14.2 ON MAY 30	---	---	1965
1966	8.53 AT 18 00 YST ON MAY 31	8.44 ON MAY 31	---	---	1966
1967	15.1 AT 19 00 YST ON MAY 31	15.0 ON MAY 18	---	---	1967
1968	8.65 AT 03 45 YST ON MAY 22	8.54 ON JUN 1	1.718 ON APR 6	114 000	1968
1969	9.17 AT 20 00 YST ON MAY 29	9.15 ON MAY 28	2.558 ON FEB 5	162 000	1969
1970	8.35 AT 01 21 YST ON MAY 30	8.13 ON MAY 22	1.57 ON AUG 11	129 000	1970
1971	9.48 AT 10 15 YST ON MAY 28	9.65 ON MAY 27	1.46 ON AUG 28	121 000	1971
1972	23.6 AT 15 43 YST ON JUN 4 *	23.6 ON JUN 4 *	2.258 ON MAR 10	178 000	1972
1973	9.20 AT 00 07 YST ON MAY 20	9.12 ON MAY 17	2.628 ON MAR 22	124 000	1973
1974	13.0 AT 04 32 YST ON MAY 31	12.7 ON MAY 31	1.488 ON MAR 15	165 000	1974
1975	9.91 AT 23 30 YST ON MAY 18	9.43 ON MAY 19	2.838 ON FEB 10	132 000	1975
1976	---	13.4 A ON MAY 14	2.788 ON MAR 12	174 000	1976
1977	11.3 AT 06 40 YST ON JUN 9	11.3 ON JUN 9	3.038 ON MAR 13	171 000	1977
1978	8.57 AT 01 00 YST ON MAY 23	8.43 ON MAY 23	2.51 ON AUG 30	108 000	1978
1979	13.1 AT 11 48 YST ON JUL 13	13.0 ON JUL 13	1.748 ON FEB 10	161 000	1979
1980	8.76 AT 14 30 YST ON MAY 17	8.73 ON MAY 17	2.00E ON AUG 27	119 000	1980
1981	13.3 AT 22 00 YST ON MAY 18	12.2 ON MAY 18	2.78 ON AUG 26	152 000	1981
1982	4.47 AT 20 01 YST ON MAY 9	4.36 ON MAY 9	1.41B ON APR 14 *	73 200	1982
1984	3.98 AT 01 41 YST ON MAY 21	3.89 ON MAY 21	1.47 ON AUG 25	74 800	1984
1985	12.0 AT 19 24 YST ON JUN 2	11.9 ON MAY 30	1.88B ON DEC 3	110 000	1985
1986	9.10 AT 00 15 YST ON OCT 28	7.06 ON OCT 27	2.01B ON MAR 4	113 000	1986
				132 000	MEAN

A - MANUAL GAUGES
(SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

M'CLINTOCK RIVER NEAR WHITEHORSE - STATION NO. 09AB008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1956	---	2.06	1.95	2.47	16.6	15.0	9.05	5.37	6.46	5.59	3.45	2.58	---	1956
1957	2.17	2.05	1.91	4.20	42.0	30.8	13.8	9.61	7.27	6.29	7.00	3.33	10.9	1957
1958	2.72	2.37	2.56	2.59	11.3	9.66	3.34	3.09	3.94	---	---	---	---	1958
1959	2.31	1.91	1.74	1.85	---	24.5	9.09	13.1	12.7	7.01	3.86	3.47	---	1959
1960	2.98	2.46	2.03	---	---	21.8	11.5	11.2	11.2	8.42	5.66	3.68	---	1960
1961	3.06	2.89	2.89	2.89	---	33.7	18.8	18.2	18.1	12.7	5.38	4.81	---	1961
1962	3.96	3.45	3.45	3.45	16.2	57.0	22.4	11.2	10.6	---	---	---	---	1962
1963	---	---	---	---	---	36.5	27.6	14.4	15.7	17.0	---	---	---	1963
1964	---	---	---	---	---	---	16.7	12.3	---	---	---	---	---	1964
1965	---	---	---	---	12.1	21.5	10.7	5.35	6.02	6.31	3.95	3.02	---	1965
1966	2.62	2.43	2.30	4.26	11.7	28.2	13.0	12.6	12.8	11.6	7.27	5.21	9.61	1966
1967	4.10	3.41	3.15	3.24	24.3	44.6	17.1	13.9	12.7	8.22	5.85	3.84	12.1	1967
1968	3.34	3.18	3.06	3.30	21.4	19.2	12.3	13.3	16.3	12.9	5.56	3.56	9.80	1968
1969	2.97	3.07	3.01	3.62	23.2	26.0	18.0	19.0	19.4	12.1	7.36	5.54	12.2	1969
1970	3.66	3.38	3.33	3.38	15.6	13.4	8.26	6.82	8.75	8.79	5.10	3.51	7.19	1970
1971	3.09	3.17	3.07	3.00	10.4	32.1	12.3	9.18	8.06	6.16	3.97	3.34	8.15	1971
1972	2.79	2.32	1.86	2.08	20.2	44.3	12.3	13.3	8.76	7.71	5.53	4.07	10.5	1972
1973	3.10	2.45	2.62	2.88	16.7	31.3	16.6	11.1	12.3	8.20	3.94	2.74	9.62	1973
1974	2.72	2.69	2.73	2.87	22.2	25.7	14.2	18.4	12.9	10.2	5.91	4.95	10.5	1974
1975	3.51	2.90	2.67	3.30	20.1	25.8	20.5	---	---	---	6.88	4.23	---	1975
1976	3.62	3.27	3.43	3.87	17.5	36.2	16.6	9.70	8.52	6.94	4.84	3.58	9.83	1976
1977	3.52	3.61	3.23	3.88	13.1	28.8	20.3	11.8	10.9	10.7	5.77	3.61	9.81	1977
1978	2.96	2.70	2.52	2.88	13.6	17.8	7.52	---	---	---	4.21	2.85	---	1978
1979	2.50	2.44	2.66	3.35	16.8	25.4	25.5	11.8	9.75	8.15	6.30	4.11	10.2	1979
1980	3.25	3.02	2.72	3.54	13.6	16.7	9.42	10.2	14.4	18.9	9.82	4.57	9.02	1980
1981	4.32	4.10	4.14	4.44	26.7	19.8	17.7	9.34	9.77	9.68	6.97	4.36	10.1	1981
1982	2.98	2.48	2.01	1.72	12.3	32.8	9.66	7.36	7.28	7.35	5.34	3.72	7.91	1982
1983	3.23	3.26	3.20	3.42	15.0	20.2	12.4	7.56	10.2	8.15	3.00	2.16	7.56	1983
1984	2.05	2.65	3.10	2.98	14.0	19.1	9.35	9.43	9.37	7.05	4.17	3.73	7.25	1984
1985	3.30	2.69	2.81	3.14	16.0	31.6	20.3	9.85	8.65	7.16	3.99	3.66	9.45	1985
1986	3.26	2.61	2.40	3.15	10.9	32.9	22.0	14.2	11.7	14.6	7.12	4.80	10.8	1986
MEAN	3.11	2.81	2.73	3.16	17.6	27.2	14.8	11.1	11.0	9.53	5.49	3.80	9.63	MEAN

LOCATION - LAT 60 36 45 N DRAINAGE AREA, 1 700 km²
LONG 134 27 27 W NATURAL FLOW

M'CLINTOCK RIVER NEAR WHITEHORSE - STATION NO. 09AB008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1956	30.0 AT 08:00 YST ON MAY 21	28.0 ON MAY 21	1.838 ON MAR 10	---	1956
1957	---	92.3A ON MAY 22	1.870 ON MAR 14	344 000	1957
1958	33.7 AT 12:00 YST ON MAY 24	28.6 ON MAY 24	2.328 ON FEB 10	---	1958
1959	40.8 AT 15:00 YST ON JUN 3	37.9 ON MAY 29	1.708 ON MAR 29	---	1959
1960	43.3 AT 11:30 YST ON MAY 27	39.4 ON MAY 27	1.988 ON MAR 10	---	1960
1961	---	---	2.698 ON FEB 1	---	1961
1962	---	75.6E ON JUN 17	3.458 ON FEB 1	---	1962
1963	74.2 AT 19:00 YST ON MAY 23	69.1 ON MAY 23	---	---	1963
1964	89.5 AT 20:00 YST ON JUN 8	88.3A ON JUN 8	---	---	1964
1965	39.6 AT 12:15 YST ON JUN 1	38.5 ON MAY 31	---	---	1965
1966	60.9 AT 13:30 YST ON JUN 6	56.4 ON JUN 6	2.278 ON MAR 23	303 000	1966
1967	85.2 AT 13:30 YST ON MAY 31	82.4 ON MAY 31	3.03E ON APR 1	381 000	1967
1968	69.4 AT 09:30 YST ON MAY 23	66.0 ON MAY 23	3.038 ON MAR 8	310 000	1968
1969	64.6 AT 19:00 YST ON MAY 25	59.5 ON MAY 25	2.758 ON MAR 17	384 000	1969
1970	28.0 AT 14:17 YST ON MAY 14	25.9 ON MAY 23	3.238 ON APR 3	227 000	1970
1971	49.3 AT 14:26 YST ON JUN 10	44.2 ON JUN 10	2.868 ON JAN 18	257 000	1971
1972	113 AT 00:44 YST ON JUN 1 *	104 ON JUN 1 *	1.808 ON MAR 8	332 000	1972
1973	45.0 AT 04:26 YST ON JUN 11	44.5 ON JUN 11	2.248 ON FEB 13	300 000	1973
1974	77.0 AT 13:02 YST ON MAY 26	74.2 ON MAY 26	2.658 ON JAN 1	331 000	1974
1975	51.5 AT 10:38 YST ON JUN 3	47.9 ON JUN 3	2.528 ON MAR 24	---	1975
1976	85.4 AT 15:17 YST ON JUN 5	81.7 ON JUN 5	2.838 ON FEB 27	311 000	1976
1977	62.5 AT 11:42 YST ON JUN 3	60.8 ON JUN 3	2.898 ON MAR 22	313 000	1977
1978	30.3 AT 15:35 YST ON JUN 5	27.4 ON JUN 5	---	---	1978
1979	48.4 AT 12:20 YST ON JUL 7	44.0 ON JUL 7	2.218 ON FEB 9	322 000	1979
1980	36.6 AT 14:07 YST ON JUN 5	31.4 ON JUN 5	2.858 ON MAR 14	285 000	1980
1981	---	46.0E ON MAY 22	3.408 ON DEC 31	320 000	1981
1982	56.6 AT 18:43 YST ON JUN 8	52.8 ON JUN 9	1.678 ON APR 21 *	250 000	1982
1983	48.1 AT 19:47 YST ON MAY 31	38.0 ON JUN 1	1.928 ON DEC 28	242 000	1983
1984	30.7 AT 13:31 YST ON JUN 6	28.7 ON JUN 6	1.918 ON JAN 25	229 000	1984
1985	77.4 AT 02:11 YST ON JUN 6	71.4 ON JUN 5	2.538 ON FEB 20	294 000	1985
1986	64.3 AT 18:30 YST ON JUN 7	56.9 ON JUN 7	3.308 ON MAR 24	341 000	1986
				304 000	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MACMILLAN RIVER NEAR THE MOUTH - STATION NO. 09BB002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	12.5	13.0	15.9	---	---	---	---	137	122	76.3	44.6	21.0	---	1984
1985	15.7	11.6	10.1	14.1	185	556	350	216	154	102	36.2	16.7	138	1985
1986	13.5	8.24	5.22	6.69	303	646	302	251	222	126	64.6	36.0	185	1986
MEAN	14.0	10.9	10.4	10.4	234	601	331	201	166	101	42.5	25.2	152	MEAN

LOCATION - LAT 62 53 35 N DRAINAGE AREA, 13 800 km²
LONG 135 30 36 W NATURAL FLOW

MACMILLAN RIVER NEAR THE MOUTH - STATION NO. 09EB002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1984	435	---	11.2 B ON JAN 25	---	1984
1985	940 AT 10:43 YST ON JUN 9 *	935 ON JUN 9 *	9.508 ON MAR 10	4 350 000	1985
1986	854 AT 04:00 YST ON JUN 12	843 ON JUN 12	4.488 ON APR 12 *	5 300 000	1986
				4 780 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

MAYO RIVER NEAR MAYO - STATION NO. 09DC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	---	31.6	21.2	18.6	---	1945
1946	10.9	6.61	---	---	---	56.1	17.4	15.0	15.2	11.0	7.11	6.15	---	1946
1947	---	---	3.45	8.65	44.2	52.0	19.5	---	---	---	---	---	---	1947
1948	---	---	---	---	---	107	76.0	37.3	21.3	---	---	---	---	1948
1950	---	---	---	---	---	---	32.9	16.7	10.5	9.82	10.6	---	---	1950
MEAN	10.9	6.61	3.45	8.65	44.2	82.5	32.4	20.9	15.4	17.8	14.2	10.4	---	MEAN

LOCATION - LAT 63 42 07 N LONG 135 51 43 W DRAINAGE AREA, 2 280 km^2 REGULATED

MAYO RIVER NEAR MAYO - STATION NO. 09DC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	99.1 ON MAY 27	---	---	1946
1947	---	114 ON MAY 26	---	---	1947
1948	---	121 ON JUN 8 *	---	---	1948
1950	---	37.7 ON JUN 21	---	---	1950
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

MCQUESTEN RIVER NEAR THE MOUTH - STATION NO. 09DD004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	7.62	6.83	6.83	8.12	143	111	109	58.6	52.9	50.7	33.2	14.5	50.3	1979
1980	8.91	8.47	8.86	12.4	110	89.2	45.5	50.0	48.3	42.7	27.5	13.6	36.7	1980
1981	10.4	5.93	5.38	6.31	75.8	71.4	55.5	42.9	58.8	36.7	18.2	10.3	33.6	1981
1982	6.70	6.13	5.86	5.72	83.0	130	53.1	26.2	22.3	16.2	11.8	9.23	32.6	1982
1983	7.84	7.43	5.87	7.67	89.5	87.8	42.5	57.1	42.8	18.7	13.9	8.41	34.4	1983
1984	7.32	6.74	7.70	12.0	109	94.6	46.1	26.5	26.2	17.7	10.2	8.82	31.3	1984
1985	7.72	6.46	6.17	8.28	95.2	184	49.2	38.4	34.2	24.7	13.3	7.84	37.9	1985
1986	7.84	7.18	6.79	6.79	105	154	40.4	37.3	29.6	16.7	8.95	7.62	36.9	1986
MEAN	8.02	6.77	6.83	8.16	104	114	55.7	42.0	39.2	28.5	17.3	10.2	36.8	MEAN

LOCATION - LAT 63 36 40 N LONG 137 18 10 W DRAINAGE AREA, 2 870 km^2 NATURAL FLOW

MCQUESTEN RIVER NEAR THE MOUTH - STATION NO. 09DD004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1979	232 AT 02:25 YST ON MAY 26	229 ON MAY 26	5.648 ON FEB 9	1 590 000	1979
1980	168 AT 15:30 YST ON MAY 15	163 ON MAY 18	8.888 ON JAN 30	1 220 000	1980
1981	---	152A ON MAY 19	4.938 ON FEB 15 *	1 060 000	1981
1982	242 AT 04:45 YST ON MAY 30	237 ON MAY 30	5.198 ON MAR 30	1 030 000	1982
1983	276 AT 11:02 YST ON JUN 1	269 ON JUN 1	5.608 ON MAR 27	1 080 000	1983
1984	193 AT 00:48 YST ON MAY 21	192 ON MAY 20	5.758 ON JAN 25	969 000	1984
1985	303 AT 11:17 YST ON JUN 8	290 ON JUN 8	5.948 ON MAR 9	1 190 000	1985
1986	318 AT 08:33 YST ON MAY 29 *	314 ON MAY 29 *	6.808 ON APR 11	1 130 000	1986
				1 160 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

NISUTLIN RIVER ABOVE WOLF RIVER - STATION NO. 09AB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	15.8	13.8	14.8	21.0	158	358	239	108	67.0	72.7	37.1	22.0	94.3	1979
1980	18.7	15.8	14.4	14.0	122	300	136	117	99.5	117	62.0	33.1	87.6	1980
1981	25.5	20.6	19.0	16.9	248	262	147	73.9	118	87.2	62.8	37.1	93.6	1981
1982	17.2	13.2	11.0	10.1	79.5	292	108	51.6	50.8	54.9	25.0	24.9	82.4	1982
1983	17.6	13.4	12.5	37.4	214	374	145	86.6	85.6	58.5	34.0	21.9	92.7	1983
1984	15.9	14.6	15.6	21.3	92.8	318	144	83.3	78.5	56.9	32.6	19.8	74.5	1984
1985	13.2	11.0	12.6	14.7	127	394	237	92.8	72.6	60.1	20.6	16.7	89.6	1985
1986	14.8	13.1	11.6	11.8	102	441	304	105	84.0	115	69.8	23.1	109	1986
MEAN	17.3	14.6	13.9	16.4	143	342	183	89.9	83.3	78.3	44.2	24.8	88.0	MEAN

LOCATION - LAT 60 20 35 N DRAINAGE AREA, 6 030 km²
LONG 132 32 41 W NATURAL FLOW

NISUTLIN RIVER ABOVE WOLF RIVER - STATION NO. 09AB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1979	490 AT 19 43 YST ON JUN 4	489 ON JUN 4	12.7 B ON FEB 13	2 970 000	1979
1980	483 AT 16 40 YST ON JUN 9	482 ON JUN 9	12.9 B ON APR 12	2 770 000	1980
1981	545 AT 17 44 YST ON MAY 29	541 ON MAY 29	15.4 B ON APR 15	2 950 000	1981
1982	503 AT 16 27 YST ON JUN 11	500 ON JUN 11	8.758 ON APR 15 *	1 970 000	1982
1983	686 AT 16 30 YST ON JUN 5 *	671 ON JUN 5	11.6 B ON MAR 25	2 920 000	1983
1984	436 AT 18 04 YST ON JUN 14	432 ON JUN 14	13.0 B ON FEB 29	2 360 000	1984
1985	684 AT 11 14 YST ON JUN 8	676 ON JUN 8 *	10.4 B ON FEB 11	2 820 000	1985
1986	627 AT 12 44 YST ON JUN 10	612 ON JUN 10	10.4 B ON APR 10	3 440 000	1986
				2 760 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORDENSKIOLD RIVER BELOW ROWLINSON CREEK - STATION NO. 09AH004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	---	25.0	15.4	11.6	8.00	4.84	---	1982
1983	3.80	3.39	2.69	6.39	58.6	51.4	24.8	28.5	19.2	11.3	6.55	3.43	16.6	1983
1984	2.32	2.67	2.95	3.87	21.4	25.9	16.3	7.38	10.3	7.06	4.00	3.34	8.85	1984
1985	3.11	2.55	2.95	3.89	42.5	42.2	18.7	18.8	19.6	12.7	6.76	4.28	14.9	1985
1986	4.63	4.38	3.01	3.47	45.3	58.3	23.8	20.7	23.7	23.6	9.74	7.32	18.1	1986
MEAN	3.39	3.25	2.90	4.88	42.0	44.5	20.9	20.1	17.8	13.3	7.01	4.64	15.4	MEAN

LOCATION - LAT 62 03 00 N DRAINAGE AREA, 6 370 km²
LONG 136 16 45 W NATURAL FLOW

NORDENSKIOLD RIVER BELOW ROWLINSON CREEK - STATION NO. 09AH004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1982	---	---	---	---	1982
1983	244 AT 22 30 YST ON JUN 3 *	185 ON JUN 4 *	2.308 ON DEC 31	588 000	1983
1984	85.8 AT 05 04 YST ON JUN 5	85.5 ON JUN 5	2.198 ON JAN 24 *	283 000	1984
1985	98.0 AT 04 25 YST ON MAY 27	96.7 ON MAY 27	2.368 ON FEB 20	470 000	1985
1986	118 AT 10 37 YST ON MAY 31	118 ON MAY 31	2.808 ON MAR 31	601 000	1986
				485 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORTH KLONDIKE RIVER NEAR THE MOUTH - STATION NO. 09EA004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	9.84	11.6	9.14	4.81	3.34	2.61	---	1974
1975	2.03	2.19	2.08	1.89	28.6	55.7	24.7	16.6	17.8	11.2	5.26	3.10	15.0	1975
1976	2.71	2.16	1.76	2.35	16.5	47.1	18.1	13.6	8.61	8.77	3.20	1.84	10.5	1976
1977	2.23	2.74	2.07	2.65	22.2	55.3	20.1	11.9	9.31	7.66	3.88	2.56	12.2	1977
1978	2.47	2.24	1.98	2.64	13.4	36.8	15.6	10.4	11.2	8.71	4.65	3.23	9.84	1978
1979	2.37	1.78	1.93	2.26	27.5	51.4	43.4	19.1	14.6	11.0	5.51	3.41	15.5	1979
1980	2.62	2.22	2.11	2.15	24.5	46.4	22.8	26.0	15.5	10.6	4.69	1.87	13.3	1980
1981	2.42	2.35	2.94	2.64	28.2	29.1	32.3	26.5	23.8	15.7	8.36	5.44	15.1	1981
1982	2.70	2.37	2.32	2.65	15.2	63.6	22.6	13.0	11.4	8.63	4.17	2.86	12.5	1982
1983	2.62	2.32	2.17	2.25	14.1	41.7	17.8	15.1	12.1	8.66	4.49	4.08	10.8	1983
1984	2.84	1.87	1.92	2.40	15.6	42.3	21.6	13.4	9.15	8.98	3.42	2.88	10.4	1984
1985	2.24	1.69	2.22	2.17	22.4	53.8	28.8	16.3	14.3	8.46	3.84	2.60	14.3	1985
1986	2.81	2.52	2.32	2.21	11.4	46.4	23.5	23.8	12.2	8.67	4.65	3.28	11.8	1986
MEAN	2.48	2.23	2.15	2.37	20.3	48.1	23.6	16.8	13.0	8.80	4.71	3.06	12.6	MEAN

LOCATION - LAT 64 01 16 N DRAINAGE AREA, 1 100 km²
LONG 138 34 58 W NATURAL FLOW

NORTH KLONDIKE RIVER NEAR THE MOUTH - STATION NO. 09EA004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	85.1 AT 08 42 YST ON JUN 4	85.8 ON JUN 4	1.788 ON JAN 9	473 000	1975
1976	85.8 ON JUN 19	80.1A ON JUN 19	1.648 ON MAR 30 *	331 000	1976
1977	84.6 AT 03 40 YST ON JUN 3	77.9 ON JUN 3	1.848 ON MAR 23	386 000	1977
1978	84.0 AT 18 04 YST ON JUN 17	52.7 ON JUN 17	1.878 ON MAR 31	310 000	1978
1979	89.5 AT 22 55 YST ON JUL 8	83.6 ON JUL 8	1.708 ON FEB 12	488 000	1979
1980	111 AT 08 22 YST ON JUN 7	88.7 ON JUN 7	1.688 ON DEC 18	421 000	1980
1981	89.1 AT 06 00 YST ON MAY 28	87.2A ON MAY 28	1.738 ON FEB 12	476 000	1981
1982	156 AT 03 00 YST ON JUN 8	137 ON JUN 8	2.178 ON MAR 16	393 000	1982
1983	163 AT 08 53 YST ON JUN 1	140 ON JUN 1 *	2.088 ON MAR 28	340 000	1983
1984	78.1 AT 06 41 YST ON JUN 13	68.4 ON JUN 13	1.788 ON FEB 23	328 000	1984
1985	184 ON JUN 7 *	131 ON JUN 5	1.808 ON FEB 22	450 000	1985
1986	128 AT 11 23 YST ON JUN 8	113 ON JUN 8	2.138 ON APR 8	372 000	1986
				387 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

OGILVIE RIVER AT KILOMETRE 197.9 DEMPSTER HIGHWAY - STATION NO. 10MA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	45.8	52.6	---	8.62	3.60	2.17	---	1974
1975	0.980	0.674	0.711	0.937	200	123	33.0	57.8	44.0	9.99	4.03	2.01	40.1	1975
1976	1.35	1.08	0.923	1.05	84.7	86.2	26.5	30.5	17.7	4.32	2.83	1.76	22.4	1976
1977	1.49	1.53	1.05	1.19	171	123	24.3	13.8	21.0	14.0	4.38	1.30	31.7	1977
1978	1.15	0.984	0.915	0.973	72.9	115	26.7	15.0	30.5	18.1	5.88	4.42	24.4	1978
1979	3.85	2.62	2.54	2.29	203	75.1	126	79.3	42.4	18.3	8.82	3.49	47.8	1979
1980	1.83	1.24	1.11	1.26	120	46.0	28.8	83.4	29.8	10.6	3.89	2.21	27.7	1980
1981	1.11	0.785	0.834	0.880	109	46.4	122	50.1	30.9	13.3	3.56	1.89	32.1	1981
1982	1.12	0.987	0.808	0.730	186	101	26.1	31.2	40.3	17.0	8.10	2.37	33.0	1982
1983	1.22	0.905	0.733	0.651	90.9	103	41.6	36.5	27.9	15.9	8.17	3.05	27.7	1983
1984	0.785	0.383	0.314	0.548	120	89.5	75.2	39.7	29.5	8.44	3.08	1.22	30.9	1984
1985	0.711	0.713	0.825	0.688	130	---	---	---	---	20.1	4.28	1.38	---	1985
1986	1.18	0.986	0.801	0.720	20.2	81.1	30.1	56.3	23.8	5.02	3.03	2.26	18.8	1986
MEAN	1.38	1.07	0.964	0.993	124	90.8	50.5	45.5	30.7	12.6	4.71	2.27	30.8	MEAN

LOCATION - LAT 65 21 45 N LONG 138 17 50 W DRAINAGE AREA, 5 410 km^2 NATURAL FLOW

OGILVIE RIVER AT KILOMETRE 197.9 DEMPSTER HIGHWAY - STATION NO. 10MA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	878 ON MAY 31 *	663A ON MAY 31	0.5758 ON FEB 12	1 260 000	1975
1976	442 AT 11 48 YST ON JUN 19	411 ON JUN 19	0.7838 ON MAR 30	709 000	1976
1977	488 AT 08 20 YST ON MAY 20	467 ON MAY 20	0.9088 ON MAR 24	898 000	1977
1978	283 AT 17 45 YST ON JUN 2	271 ON JUN 2	0.8728 ON MAR 23	768 000	1978
1979	447 AT 18 20 YST ON MAY 25	434 ON MAY 23	2.08 B ON APR 28	1 510 000	1979
1980	407 AT 15 37 YST ON MAY 17	391 ON MAY 17	1.05 B ON MAR 12	875 000	1980
1981	---	462A ON JUL 20	0.7018 ON FEB 18	1 010 000	1981
1982	630 AT 03 11 YST ON MAY 27	618 ON MAY 27	0.8858 ON APR 15	1 040 000	1982
1983	387 AT 23 25 YST ON MAY 30	375 ON MAY 30	0.5828 ON APR 22	871 000	1983
1984	369 AT 14 11 YST ON JUL 29	338 ON JUL 29	0.3018 ON MAR 17 *	978 000	1984
1985	838 AT 04 32 YST ON MAY 31	778 ON MAY 31 *	0.8598 ON APR 21	---	1985
1986	237 AT 22 02 YST ON JUN 1	223 ON JUN 1	0.7048 ON APR 23	594 000	1986
				965 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

OLD CROW RIVER NEAR THE MOUTH - STATION NO. 09FC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	---	---	---	18.4	19.0	10.7	5.12	3.42	---	1976
1977	1.85	1.21	1.16	1.21	81.4	634	95.3	23.1	17.2	17.6	5.37	2.20	73.1	1977
1978	1.29	1.05	0.888	0.921	13.8	298	80.3	14.0	8.35	8.03	3.80	2.03	35.9	1978
1979	0.981	0.580	0.614	0.753	81.2	78.1	18.4	9.49	45.2	22.9	8.55	2.49	22.6	1979
1980	0.812	0.572	0.501	0.465	118	328	57.0	145	87.6	22.2	8.09	2.88	65.0	1980
1981	1.41	0.847	0.787	0.803	---	---	---	---	---	---	7.08	5.11	---	1981
1983	0.691	0.134	0.128	0.535	12.1	316	48.0	8.82	28.4	8.55	1.28	0.480	35.9	1983
1984	0.236	0.068	0.039	0.056	137	235	57.7	63.4	48.0	14.7	1.86	0.898	46.6	1984
1985	0.721	0.601	0.538	0.481	31.0	92.2	31.8	8.27	7.68	4.37	1.78	0.910	15.0	1985
1986	0.278	0.022	0.094	0.267	2.67	182	38.4	55.8	81.1	8.28	2.47	1.51	31.7	1986
MEAN	0.930	0.585	0.535	0.610	59.8	272	53.6	38.5	40.4	12.8	4.82	2.19	40.7	MEAN

LOCATION - LAT 67 38 04 N LONG 139 41 47 W DRAINAGE AREA, 13 900 km^2 NATURAL FLOW

OLD CROW RIVER NEAR THE MOUTH - STATION NO. 09FC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	617 ON JUN 5	568A ON JUN 6	---	---	1976
1977	1 710 AT 11:20 YST ON JUN 4 *	1 690 ON JUN 4 *	1.13 B ON MAR 30	2 300 000	1977
1978	779 AT 01:15 YST ON JUN 8	767 ON JUN 8	0.838B ON APR 5	1 130 000	1978
1979	173 AT 23:40 YST ON MAY 24	169 ON MAY 24	0.524B ON FEB 12	713 000	1979
1980	---	1 000E ON MAY 29	0.411B ON APR 10	2 060 000	1980
1981	727 AT 17:30 YST ON MAY 25	730 ON MAY 25	0.667B ON MAR 26	---	1981
1983	---	799A ON JUN 8	0.114B ON MAR 2	1 130 000	1983
1984	789 AT 20:41 YST ON MAY 29	781 ON MAY 30	0.037B ON MAR 17	1 470 000	1984
1985	---	310E ON MAY 30	0.455B ON MAY 5	474 000	1985
1986	---	636A ON JUN 9	0 B ON FEB 5 *	1 000 000	1986
				1 280 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

PEEL RIVER ABOVE CANYON CREEK - STATION NO. 10MA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1962	---	---	---	---	---	---	562	486	309	---	---	---	---	1962
1963	---	24.4	24.4	26.2	905	445	332	266	77.8	---	---	---	---	1963
1964	---	---	---	---	---	---	---	---	---	---	---	---	---	1964
1965	---	---	---	---	---	437	785	658	424	---	---	---	---	1965
1968	---	---	---	---	---	---	266	190	138	50.6	26.1	20.0	---	1968
1969	16.9	16.4	16.2	58.4	390	341	98.3	180	154	53.4	33.2	33.6	116	1969
1970	21.2	15.9	15.7	16.0	316	518	427	353	258	70.2	33.9	25.5	182	1970
1971	19.3	17.9	18.3	17.1	1 300	839	266	449	319	109	51.6	31.8	288	1971
1972	22.0	19.5	20.8	22.3	373	774	218	235	268	102	52.0	36.6	178	1972
1973	24.5	16.6	12.3	12.6	---	---	---	574	330	114	43.9	27.8	---	1973
1974	18.3	15.2	15.5	16.8	156	393	280	451	197	73.9	50.3	40.0	143	1974
1975	25.5	20.1	18.4	21.1	534	874	335	286	302	108	47.8	37.5	218	1975
1976	28.0	19.9	16.1	15.6	363	488	216	261	199	122	63.1	31.9	153	1976
1977	25.4	21.9	17.3	19.3	594	694	210	108	103	70.2	46.7	33.9	162	1977
1978	25.8	22.3	20.0	19.1	75.8	775	---	---	196	109	38.4	26.5	---	1978
1979	21.6	17.4	19.4	21.5	1 100	584	948	479	287	184	102	48.2	321	1979
1980	31.3	28.7	26.7	24.9	380	581	236	506	270	103	34.5	15.7	187	1980
1981	13.0	12.8	14.3	15.7	744	304	501	258	207	123	63.9	36.8	193	1981
1982	22.9	22.6	21.4	20.9	716	685	216	247	178	97.8	48.3	32.2	192	1982
1983	25.4	24.0	23.0	21.4	502	681	203	193	163	70.2	34.5	22.0	184	1983
1984	18.5	17.1	18.4	28.3	---	---	---	---	195	89.4	47.8	28.8	---	1984
1985	19.4	18.7	20.0	20.5	527	736	229	185	313	136	61.5	26.5	191	1985
1986	22.3	21.0	19.9	20.0	72.9	598	271	447	216	89.7	50.7	36.7	156	1986
MEAN	22.3	19.6	18.8	22.0	532	602	347	340	232	98.7	49.0	31.1	190	MEAN

LOCATION - LAT 65 53 40 N LONG 135 02 10 W DRAINAGE AREA, 25 700 km^2 NATURAL FLOW

PEEL RIVER ABOVE CANYON CREEK - STATION NO. 10MA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1962	---	---	---	---	1962
1963	2 310 AT 06:00 YST ON MAY 21	2 190 ON MAY 22	24.4B ON FEB 1	---	1963
1964	5 920 AT 04:20 YST ON JUN 4 *	5 720 ON JUN 4 *	---	---	1964
1965	2 690 AT 17:30 YST ON JUL 8	2 330 ON JUL 8	---	---	1965
1968	---	---	---	---	1968
1969	1 360 AT 22:00 YST ON MAY 24	1 270 ON MAY 24	14.7B ON MAR 19	3 610 000	1969
1970	---	1 850E ON MAY 27	15.0B ON MAR 4	5 720 000	1970
1971	---	4 220E ON MAY 21	15.6B ON APR 11	8 090 000	1971
1972	2 660 AT 09:40 YST ON MAY 30	2 390A ON MAY 30	16.2B ON JAN 24	5 630 000	1972
1973	---	---	11.4B ON MAR 21 *	---	1973
1974	---	991E ON MAY 30	14.3B ON MAR 9	4 610 000	1974
1975	2 440 ON MAY 31	2 350E ON MAY 31	16.1B ON MAR 17	5 880 000	1975
1976	1 110 AT 17:00 YST ON JUN 20	1 010 ON JUN 20	14.7B ON APR 1	4 840 000	1976
1977	---	1 700E ON MAY 21	15.3B ON MAR 26	5 130 000	1977
1978	1 390 AT 18:45 YST ON JUN 28	1 310 ON JUN 29	18.3B ON APR 7	---	1978
1979	---	3 110E ON MAY 22	16.0B ON FEB 13	10 100 000	1979
1980	---	1 450E ON MAY 26	13.0B ON DEC 29	5 820 000	1980
1981	---	2 050E ON MAY 12	12.6B ON FEB 15	5 080 000	1981
1982	---	3 500E ON MAY 28	19.7B ON APR 14	6 040 000	1982
1983	---	1 680E ON MAY 29	19.6B ON APR 24	5 180 000	1983
1984	---	---	16.7B ON FEB 9	---	1984
1985	2 020 AT 21:12 YST ON MAY 31	1 810 ON JUN 2	17.7B ON FEB 25	8 030 000	1985
1986	2 030 AT 10:34 YST ON AUG 15	1 860 ON AUG 15	19.8B ON MAR 5	4 920 000	1986
				5 980 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

PELLY RIVER AT PELLY CROSSING - STATION NO. 09BC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1952	---	---	---	---	---	---	749	296	481	494	192	84.4	---	1952
1953	41.9	43.7	43.4	48.9	681	535	618	318	432	246	157	84.3	273	1953
1954	36.8	33.7	34.1	42.5	632	988	741	480	323	252	78.0	62.6	310	1954
1955	57.9	56.3	47.9	41.8	381	1 090	882	715	401	245	114	74.4	343	1955
1956	50.2	36.1	30.1	36.3	708	1 170	575	289	316	121	58.6	54.1	286	1956
1957	51.8	48.8	45.2	56.3	1 630	1 830	845	348	312	169	---	---	---	1957
1958	---	49.3	42.0	93.2	648	838	378	346	320	---	---	---	---	1958
1959	53.8	44.9	42.3	---	---	1 580	805	600	456	---	---	---	---	1959
1960	76.4	80.0	52.0	156	903	1 040	711	518	586	371	208	142	410	1960
1961	96.3	56.6	56.6	45.3	919	1 750	840	433	470	427	196	113	451	1961
1962	79.3	80.6	56.0	53.8	711	2 700	1 290	583	578	412	147	118	575	1962
1963	96.3	82.1	88.0	59.5	1 070	1 490	1 070	586	665	473	187	124	602	1963
1964	87.8	76.4	70.8	61.3	426	2 840	1 150	859	633	325	186	117	586	1964
1965	66.2	51.0	46.7	56.6	422	1 040	599	356	400	318	115	97.8	307	1965
1966	43.5	44.6	44.0	51.8	810	1 350	845	290	245	216	84.4	86.2	308	1966
1967	55.6	50.4	46.3	47.0	701	1 880	803	503	452	307	137	86.9	423	1967
1968	63.0	55.7	52.7	68.8	743	1 450	927	531	538	332	130	89.5	416	1968
1969	53.2	39.2	38.7	60.5	572	943	601	611	683	305	123	85.1	344	1969
1970	54.2	53.4	50.7	55.8	673	1 220	845	580	488	411	149	79.8	388	1970
1971	62.9	48.9	43.3	51.3	748	1 570	609	314	279	205	152	90.5	348	1971
1972	51.0	42.8	40.6	39.8	782	1 980	925	602	372	189	108	90.2	434	1972
1973	50.9	44.1	43.2	55.8	999	1 320	716	549	555	211	89.8	89.0	394	1973
1974	45.0	34.0	28.9	37.8	683	1 280	508	588	343	221	113	75.7	332	1974
1975	55.8	55.0	51.4	60.9	883	1 830	916	457	478	428	188	106	458	1975
1976	71.5	60.5	57.2	59.7	936	1 190	940	463	323	251	109	81.0	380	1976
1977	68.1	62.0	53.6	54.4	878	1 210	672	436	416	344	157	76.4	371	1977
1978	57.1	43.9	36.5	40.5	547	1 080	728	655	346	388	197	108	352	1978
1979	81.8	49.8	54.0	60.2	870	1 630	934	807	282	280	118	81.5	418	1979
1980	84.2	52.1	50.8	70.8	826	761	558	456	442	378	189	95.3	313	1980
1981	71.1	61.2	57.4	69.3	932	801	540	339	352	315	146	80.9	316	1981
1982	46.6	32.6	33.8	34.6	528	1 260	544	368	284	291	140	90.4	308	1982
1983	86.7	82.5	67.8	66.1	793	1 580	866	571	547	300	135	73.6	410	1983
1984	50.8	43.7	36.0	62.0	685	1 160	738	429	441	243	143	84.8	344	1984
1985	84.8	51.1	46.4	49.5	559	1 580	1 040	624	475	336	117	88.5	421	1985
1986	81.0	82.0	46.4	41.4	707	1 870	911	575	620	482	235	116	488	1986
MEAN	61.8	51.5	47.3	57.4	745	1 410	769	502	434	311	144	90.2	387	MEAN

LOCATION - LAT 62 49 47 N DRAINAGE AREA, 48 000 km²
LONG 136 34 50 W NATURAL FLOW

PELLY RIVER AT PELLY CROSSING - STATION NO. 09BC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1952	---	---	---	---	1952
1953	---	1 100 ON MAY 21	38.28 ON APR 4	8 600 000	1953
1954	---	1 570 ON MAY 30	33.48 ON FEB 2	9 780 000	1954
1955	---	1 480 ON JUN 28	41.18 ON APR 21	10 800 000	1955
1956	---	1 740 ON MAY 25	28.98 ON MAR 17	9 040 000	1956
1957	---	4 300 ON MAY 26 *	44.58 ON MAR 23	---	1957
1958	---	1 550 ON MAY 27	40.5 ON MAR 28	---	1958
1959	---	---	---	---	1959
1960	---	1 230 ON JUN 22	47.48 ON APR 3	13 000 000	1960
1961	---	2 440A ON JUN 13	45.38 ON APR 1	14 200 000	1961
1962	---	2 870E ON JUN 21	53.88 ON APR 1	18 100 000	1962
1963	2 490 AT 01:00 YST ON MAY 28	2 480 ON MAY 27	59.58 ON APR 1	15 800 000	1963
1964	4 160 AT 09:00 YST ON JUN 11 *	4 130 ON JUN 11	59.58 ON APR 21	17 800 000	1964
1965	1 770 AT 04:30 YST ON JUN 3	1 750 ON JUN 3	48.78 ON MAR 1	9 880 000	1965
1966	1 710 AT 09:00 YST ON JUN 13	1 670 ON JUN 12	40.88 ON JAN 11	9 750 000	1966
1967	3 000 AT 11:45 YST ON JUN 5	2 970 ON JUN 5	43.88 ON APR 15	13 300 000	1967
1968	2 010 AT 23:00 YST ON MAY 25	1 970 ON MAY 25	51.58 ON FEB 3	13 200 000	1968
1969	1 400 AT 00:01 YST ON JUN 13	1 370 ON JUN 12	32.88 ON MAR 28	10 800 000	1969
1970	2 280 AT 12:00 YST ON JUN 10	2 280 ON JUN 10	50.18 ON MAR 21	12 200 000	1970
1971	2 040 AT 09:53 YST ON JUN 15	2 040 ON JUN 15	40.58 ON MAR 31	11 000 000	1971
1972	3 450 AT 17:40 YST ON JUN 4	3 430 ON JUN 4	39.18 ON APR 21	13 700 000	1972
1973	1 930 AT 11:00 YST ON MAY 20	1 930 ON MAY 20	41.98 ON MAR 20	12 400 000	1973
1974	1 800 AT 03:41 YST ON MAY 29	1 790 ON MAY 29	28.38 ON MAR 11	10 800 000	1974
1975	2 590 AT 15:00 YST ON JUN 7	2 590 ON JUN 7	50.48 ON MAR 8	14 500 000	1975
1976	1 440 AT 05:00 YST ON MAY 8	1 420 ON JUN 7	55.48 ON APR 11	12 000 000	1976
1977	2 020 AT 04:10 YST ON MAY 31	1 980 ON MAY 31	48.48 ON APR 3	11 700 000	1977
1978	1 530 AT 04:10 YST ON JUN 8	1 510 ON JUN 7	35.18 ON MAR 3	11 100 000	1978
1979	2 220 AT 05:25 YST ON JUN 8	2 180 ON JUN 8	44.78 ON FEB 13	13 200 000	1979
1980	1 280 AT 05:05 YST ON MAY 19	1 270 ON MAY 19	47.98 ON MAR 3	9 810 000	1980
1981	1 480 AT 01:33 YST ON MAY 30	1 440 ON MAY 30	55.48 ON APR 1	8 880 000	1981
1982	1 780 AT 03:25 YST ON JUN 12	1 740 ON JUN 12	26.08 ON FEB 28 *	8 840 000	1982
1983	2 730 AT 06:55 YST ON JUN 7	2 700 ON JUN 7	39.98 ON MAR 25	12 900 000	1983
1984	1 630 AT 03:07 YST ON JUN 15	1 610 ON JUN 14	35.58 ON MAR 14	10 900 000	1984
1985	2 490 AT 17:07 YST ON JUN 8	2 480 ON JUN 8	44.08 ON FEB 13	13 300 000	1985
1986	2 370 AT 17:16 YST ON JUN 11	2 380 ON JUN 11	38.68 ON APR 5	15 400 000	1986
MEAN				12 200 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PELLY RIVER AT ROSS RIVER - STATION NO. 09BC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1954	---	---	---	---	---	---	349	208	136	115	39.1	---	---	1954
1955	---	---	---	---	204	637	543	325	133	61.0	---	---	---	1955
1956	---	---	---	---	---	734	283	135	162	---	---	---	---	1956
1957	---	---	---	---	475	722	353	132	59.3	---	---	---	---	1957
1958	---	---	---	---	267	358	177	169	162	---	---	---	---	1958
1959	21.2	16.4	13.7	---	---	646	289	324	215	---	---	38.2	---	1959
1960	27.0	20.2	17.2	24.8	500	622	342	256	250	153	80.0	51.0	196	1960
1961	34.5	21.5	21.5	19.3	445	901	328	165	229	184	82.1	51.0	207	1961
1962	34.0	22.7	22.7	22.7	429	1 320	487	234	188	111	48.1	39.6	248	1962
1963	31.1	27.2	23.8	21.0	463	643	433	203	289	185	84.3	55.5	206	1963
1964	39.1	30.6	24.1	23.8	110	1 210	473	417	294	153	51.9	34.1	238	1964
1965	21.0	14.8	14.7	19.8	233	536	351	176	212	170	68.4	60.4	157	1965
1966	17.0	16.4	16.4	18.3	324	683	291	139	112	115	46.9	30.5	151	1966
1967	22.4	18.3	16.2	18.0	386	836	350	211	188	124	41.8	24.4	187	1967
1968	21.1	19.4	19.1	21.7	374	701	419	258	262	139	48.8	25.7	193	1968
1969	12.6	12.4	11.9	17.4	293	437	334	330	342	135	60.7	35.7	169	1969
1970	22.3	18.8	18.5	21.3	324	524	422	284	221	184	55.9	30.0	178	1970
1971	24.2	22.8	17.1	20.4	413	715	246	131	127	91.4	46.2	27.1	157	1971
1972	16.1	13.8	13.3	13.0	407	930	408	259	150	81.3	43.5	30.2	197	1972
1973	17.8	15.0	14.8	17.5	417	625	301	270	255	94.8	37.0	16.6	174	1973
1974	8.86	6.95	6.45	10.9	324	594	225	252	141	101	51.9	32.9	147	1974
MEAN	23.1	18.6	17.0	19.4	355	719	353	232	197	129	55.4	36.4	187	MEAN

LOCATION - LAT 61 59 12 N LONG 132 26 54 W
DRAINAGE AREA, 18 400 km²
NATURAL FLOW

PELLY RIVER AT ROSS RIVER - STATION NO. 09BC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1954	---	---	---	---	1954
1955	---	1 060 ON JUL 1	---	---	1955
1956	---	1 010E ON JUN 10	---	---	1956
1957	---	1 220 ON MAY 24	---	---	1957
1958	---	588 ON MAY 27	---	---	1958
1959	---	---	---	---	1959
1960	711 AT 11 00 YST ON JUN 21	705 ON JUN 21	16.7 B ON MAR 15	6 190 000	1960
1961	1 510 AT 10 00 YST ON JUN 11	1 490 ON JUN 11	19.3 B ON APR 1	6 540 000	1961
1962	1 620 AT 16 20 YST ON JUN 18	1 580 ON JUN 16	22.7 B ON FEB 1	7 800 000	1962
1963	---	1 200A ON MAY 25	21.0 B ON APR 1	6 490 000	1963
1964	2 010 AT 14 00 YST ON JUN 7 *	2 010A ON JUN 7 *	23.4 B ON MAR 9	7 530 000	1964
1965	940 AT 11 00 YST ON JUN 3	934 ON JUN 2	14.7 B ON FEB 4	4 950 000	1965
1966	852 AT 13 00 YST ON JUN 17	847 ON JUN 16	15.7 B ON JAN 10	4 770 000	1966
1967	1 460 AT 19 30 YST ON JUN 2	1 440 ON JUN 2	15.1 B ON APR 4	5 800 000	1967
1968	974 AT 22 00 YST ON MAY 23	954 ON MAY 23	15.3 B ON DEC 31	6 090 000	1968
1969	892 AT 04 00 YST ON JUL 15	869 ON JUL 15	10.8 B ON MAR 23	5 340 000	1969
1970	1 060 AT 22 27 YST ON JUN 7	1 020 ON JUN 7	17.6 B ON APR 14	5 620 000	1970
1971	917 AT 11 17 YST ON JUN 12	909 ON JUN 12	14.6 B ON MAR 25	4 950 000	1971
1972	1 780 AT 22 00 YST ON JUN 1	1 720A ON JUN 1	12.7 B ON APR 13	6 230 000	1972
1973	867 AT 02 00 YST ON MAY 19	847 ON MAY 19	11.0 B ON DEC 31	5 500 000	1973
1974	940 AT 23 18 YST ON MAY 27	929 ON MAY 27	6.20B ON MAR 11 *	4 630 000	1974
				5 900 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PELLY RIVER BELOW FORTIN CREEK - STATION NO. 09BA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1985	1.82	1.36	1.07	1.20	100	331	171	116	93.3	88.0	34.4	16.4	79.9	1985
MEAN	1.82	1.36	1.07	1.20	100	331	171	116	93.3	88.0	34.4	16.4	79.9	MEAN

LOCATION - LAT 62 01 50 N LONG 130 38 10 W
DRAINAGE AREA, 5 020 km²
NATURAL FLOW

PELLY RIVER BELOW FORTIN CREEK - STATION NO. 09BA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1985	488 AT 22:04 YST ON JUN 9 *	485 ON JUN 9 *	0.980B ON APR 1 *	2 520 000	1985
				2 520 000	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PELLY RIVER BELOW VANGORDA CREEK - STATION NO. 09BC004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	---	---	---	172	99.5	56.9	40.3	---	1972
1973	24.2	19.0	17.7	21.9	435	712	345	281	280	112	47.5	24.3	194	1973
1974	14.5	10.9	10.0	14.2	343	680	270	289	174	128	66.7	43.1	171	1974
1975	28.0	22.9	21.3	25.1	487	972	533	241	259	214	72.5	35.6	244	1975
1976	26.1	23.7	20.5	21.3	532	704	520	223	168	129	61.0	38.1	206	1976
1977	31.4	27.2	24.9	26.0	511	662	390	243	245	174	75.8	35.1	205	1977
1978	24.7	17.6	15.5	18.7	345	620	458	338	172	193	93.8	48.2	196	1978
1979	28.8	22.4	21.4	25.0	422	892	453	278	117	120	56.4	39.1	207	1979
1980	26.4	20.8	20.3	24.3	388	400	214	236	215	199	96.3	39.4	157	1980
1981	26.0	23.7	22.4	23.2	567	466	272	131	156	128	57.3	32.4	159	1981
1982	21.3	17.0	14.8	20.6	183	615	232	153	148	160	54.1	29.3	138	1982
1983	23.8	23.5	20.1	31.7	464	847	315	267	265	152	78.1	42.4	211	1983
1984	30.0	26.3	23.2	29.6	385	646	378	241	231	128	63.7	37.1	185	1984
1985	27.0	23.6	22.7	24.6	321	837	548	277	260	165	49.9	36.4	217	1985
1986	31.2	26.8	18.8	16.5	382	957	490	304	267	252	105	58.3	243	1986
MEAN	26.2	21.8	19.5	23.1	412	715	387	250	208	157	68.7	38.7	195	MEAN

LOCATION - LAT 62 13 20 N DRAINAGE AREA, 22 100 km²
LONG 133 22 40 W NATURAL FLOW

PELLY RIVER BELOW VANGORDA CREEK - STATION NO. 09BC004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	---	---	---	---	1972
1973	895 AT 20:05 YST ON JUN 13	888 ON JUN 13	17.0 B ON MAR 20	6 130 000	1973
1974	977 AT 23:17 YST ON MAY 27	963 ON MAY 28	9.668 ON MAR 11 *	5 390 000	1974
1975	1 330 AT 11:27 YST ON JUN 6	1 330 ON JUN 6	20.8 B ON MAR 10	7 680 000	1975
1976	1 050 AT 14:20 YST ON MAY 7	798 ON JUN 11	18.7 B ON APR 9	6 530 000	1976
1977	1 100 AT 16:40 YST ON MAY 28	1 080 ON MAY 28	23.8 B ON APR 2	6 480 000	1977
1978	841 AT 11:40 YST ON JUN 7	824 ON JUN 7	14.9 B ON MAR 3	6 190 000	1978
1979	1 210 AT 17:35 YST ON JUN 6	1 200 ON JUN 6	20.1 B ON FEB 12	6 520 000	1979
1980	763 AT 15:51 YST ON MAY 17	753 ON MAY 18	19.0 B ON MAR 4	4 970 000	1980
1981	907 AT 13:30 YST ON MAY 29	900 ON MAY 29	21.0 B ON APR 15	5 030 000	1981
1982	831 AT 10:59 YST ON JUN 10	816 ON JUN 11	14.0 B ON MAR 30	4 330 000	1982
1983	1 440 AT 10:19 YST ON JUN 5 *	1 430 ON JUN 5 *	18.0 B ON MAR 27	6 680 000	1983
1984	907 AT 17:43 YST ON JUN 13	892 ON JUN 13	21.8 B ON MAR 15	5 850 000	1984
1985	1 350 AT 17:30 YST ON JUN 6	1 340 ON JUN 6	20.4 B ON FEB 12	6 840 000	1985
1986	1 200 AT 20:02 YST ON JUN 1	1 200 ON JUN 2	15.6 B ON APR 3	7 660 000	1986
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		6 160 000	MEAN

PORCUPINE RIVER AT OLD CROW - STATION NO. 09FD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1961	---	---	---	---	---	1 350	605	1 030	787	174	24.5	18.1	---	1961
1962	18.1	18.1	18.1	19.8	1 200	1 680	1 070	1 060	716	151	45.3	42.5	505	1962
1963	34.0	28.3	22.1	23.4	2 140	1 000	768	750	134	42.8	32.9	32.3	422	1963
1964	26.6	22.1	17.8	18.2	178	2 470	969	564	487	---	---	---	---	1964
1965	---	---	---	---	---	1 580	852	844	837	---	---	---	---	1965
1966	---	---	---	---	---	1 140	316	53.6	160	---	---	---	---	1966
1967	---	---	---	---	---	---	---	---	---	---	---	---	---	1967
1968	---	---	---	---	---	1 650	316	104	104	41.2	33.9	21.8	---	1968
1969	16.8	15.0	13.6	14.8	458	440	187	869	382	60.8	34.1	28.7	211	1969
1970	17.7	14.6	15.7	16.6	889	1 070	488	412	447	85.8	47.4	31.2	277	1970
1971	18.4	17.4	16.2	13.9	1 610	1 000	337	649	515	123	38.4	21.4	386	1971
1972	18.1	20.2	17.8	14.2	474	1 840	536	538	630	113	49.4	28.4	385	1972
1973	22.1	21.0	16.5	15.6	1 800	1 170	883	1 090	556	161	46.3	25.2	470	1973
1974	19.8	15.4	15.0	14.8	459	539	505	1 020	381	220	87.8	37.3	279	1974
1975	19.7	16.0	12.4	11.9	1 330	1 450	256	362	405	115	34.4	21.5	337	1975
1976	18.9	16.5	14.7	14.7	1 520	1 190	337	587	231	164	54.6	32.7	350	1976
1977	26.1	23.6	22.0	18.8	1 350	1 840	308	127	186	172	61.8	27.8	355	1977
1978	22.1	19.2	17.3	16.7	32.6	1 540	443	176	330	176	68.8	36.5	239	1978
1979	22.8	13.2	14.5	15.5	1 170	697	524	577	508	233	90.9	48.5	329	1979
1980	27.5	20.3	17.7	18.0	1 340	963	281	866	585	184	64.7	35.8	389	1980
1981	31.1	27.5	24.1	22.0	1 550	---	---	---	---	118	52.1	36.7	---	1981
1982	17.1	13.7	12.9	12.9	582	---	---	---	376	161	45.7	29.5	---	1982
1983	20.3	16.4	15.6	15.7	81.8	1 280	211	158	235	96.1	43.7	24.2	181	1983
1984	17.6	15.5	14.4	15.8	1 300	979	987	889	320	67.1	31.6	25.4	389	1984
1985	23.4	21.2	18.2	17.4	727	891	292	149	451	172	48.4	28.3	237	1985
1986	24.1	22.3	18.0	16.3	18.3	698	313	558	408	107	42.2	27.0	188	1986
MEAN	22.1	18.9	16.9	16.6	952	1 240	501	584	423	134	48.6	30.2	326	MEAN

LOCATION - LAT 67 33 50 N DRAINAGE AREA, 55 400 km² INTERNATIONAL GAUGING STATION
LONG 139 53 00 W NATURAL FLOW

PORCUPINE RIVER AT OLD CROW - STATION NO. 09FD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1961	---	---	---	---	1961
1962	---	4 760 ON MAY 28	18.1B ON JAN 1	15 900 000	1962
1963	---	5 490 ON MAY 18	22.1B ON MAR 1	13 300 000	1963
1964	---	6 710 ON JUN 4 *	17.8B ON MAR 1	---	1964
1965	---	5 040 ON MAY 25	---	---	1965
1966	---	4 500 ON MAY 17	---	---	1966
1967	---	4 470 ON JUN 5	---	---	1967
1968	---	4 470 ON JUN 2	---	---	1968
1969	---	1 580 ON AUG 7	12.0B ON MAR 20	6 650 000	1969
1970	---	2 410 ON MAY 28	14.0B ON FEB 5	8 740 000	1970
1971	---	6 170 ON MAY 22	12.0B ON MAY 2	11 600 000	1971
1972	---	3 430A ON JUN 1	13.0B ON MAY 4	11 200 000	1972
1973	5 800 AT 14:30 YST ON MAY 23	5 690A ON MAY 23	15.0B ON MAR 31	14 800 000	1973
1974	---	3 400E ON MAY 25	14.3B ON MAY 5	8 790 000	1974
1975	4 450 AT 15:00 YST ON MAY 29	4 420 ON MAY 29	11.0B ON APR 3 *	10 600 000	1975
1976	4 500 ON MAY 11	4 500E ON MAY 11	14.0B ON APR 1	11 100 000	1976
1977	6 310 ON MAY 20 *	6 140E ON MAY 20	19.3B ON APR 13	11 200 000	1977
1978	---	2 740A ON JUN 4	16.0B ON APR 14	7 540 000	1978
1979	---	2 740A ON MAY 17	12.0B ON FEB 10	10 400 000	1979
1980	---	6 530E ON MAY 21	16.1B ON MAR 17	11 700 000	1980
1981	4 230 AT 04:00 YST ON MAY 26	3 930A ON MAY 26	20.2B ON DEC 31	---	1981
1982	---	4 800E ON MAY 30	11.9B ON MAR 28	---	1982
1983	3 420 ON JUN 3	3 350E ON JUN 3	15.1B ON MAR 31	5 720 000	1983
1984	4 090 AT 21:14 YST ON JUL 31	3 930 ON JUL 31	14.1B ON MAR 5	12 300 000	1984
1985	---	3 600E ON MAY 26	16.2B ON MAY 8	7 480 000	1985
1986	1 730 AT 14 11 YST ON JUN 9	1 710B ON JUN 8	15.3B ON MAY 4	5 910 000	1986
				10 300 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

PORCUPINE RIVER BELOW BELL RIVER - STATION NO. 09FB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1964	---	---	---	---	---	---	---	---	304	---	---	---	---	1964
1965	---	---	---	---	---	1 010	673	709	616	---	---	---	---	1965
1966	---	---	---	---	---	---	153	90.5	95.7	---	---	---	---	1966
1969	---	---	---	---	---	---	---	---	251	42.9	---	---	---	1969
1970	---	---	---	---	---	670	422	367	332	---	---	---	---	1970
1971	---	---	---	---	---	598	244	570	330	84.8	---	---	---	1971
1972	---	---	---	---	---	1 650	372	427	500	80.9	---	---	---	1972
1973	---	---	---	---	---	797	564	981	387	92.3	---	---	---	1973
1974	---	---	---	---	---	432	412	822	270	135	---	---	---	1974
1975	---	---	---	---	---	1 050	180	345	316	75.4	---	---	---	1975
1976	---	---	---	---	---	802	224	524	177	102	43.6	---	---	1976
1977	---	---	---	---	---	1 080	---	---	---	---	---	---	---	1977
1978	21.8	18.6	15.5	13.9	35.3	1 070	167	159	298	158	64.9	36.6	171	1978
1979	21.5	12.9	14.0	14.8	1 130	514	417	505	407	173	83.9	44.8	281	1979
1980	25.1	19.1	16.3	16.8	815	498	201	705	408	141	60.9	34.2	246	1980
1981	30.1	25.9	22.9	21.0	1 170	250	1 020	473	173	87.8	42.2	30.7	283	1981
1982	14.6	12.9	12.2	12.6	554	1 140	310	448	308	126	37.6	24.0	251	1982
1983	17.6	14.7	14.1	14.1	55.7	875	146	150	178	78.9	38.6	23.3	133	1983
1984	17.3	15.3	14.2	15.6	1 010	665	827	721	244	59.6	30.6	25.1	306	1984
1985	21.7	18.5	16.8	15.9	681	668	182	148	441	169	41.1	24.4	204	1985
1986	19.9	16.5	14.1	12.8	14.7	458	239	460	289	73.7	30.4	21.8	139	1986
MEAN	21.1	17.2	15.6	15.3	807	790	376	478	317	104	47.4	28.4	224	MEAN

LOCATION - LAT 67 26 25 N, LONG 137 47 01 W DRAINAGE AREA, 36 000 km^2 NATURAL FLOW

PORCUPINE RIVER BELOW BELL RIVER - STATION NO. 09FB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1964	---	---	---	---	1964
1965	---	---	---	---	1965
1968	---	---	---	---	1968
1969	---	---	---	---	1969
1970	---	---	---	---	1970
1971	---	---	---	---	1971
1972	---	---	---	---	1972
1973	---	---	---	---	1973
1974	---	---	---	---	1974
1975	3 570 AT 21:26 YST ON MAY 28	3 510 ON MAY 28	---	---	1975
1976	---	---	---	---	1976
1977	5 150 ON MAY 19 *	5 100A ON MAY 19 *	---	---	1977
1978	---	2 440E ON JUN 3	13.58 ON APR 24	5 390 000	1978
1979	2 710 AT 18:06 YST ON MAY 17	2 700 ON MAY 17	11.58 ON FEB 11	8 840 000	1979
1980	3 610 AT 06:00 YST ON MAY 21	3 370 ON MAY 20	14.78 ON APR 10	7 790 000	1980
1981	3 280 AT 11:25 YST ON MAY 25	3 180 ON MAY 25	16.38 ON DEC 31	8 920 000	1981
1982	---	4 140E ON MAY 29	11.48 ON APR 4 *	7 910 000	1982
1983	3 170 ON JUN 5	3 110E ON JUN 2	13.98 ON MAR 20	4 200 000	1983
1984	3 840 AT 13:26 YST ON JUL 31	3 790 ON JUL 31	13.88 ON MAR 5	9 670 000	1984
1985	3 520 AT 06:00 YST ON MAY 24	3 410A ON MAY 23	15.58 ON MAY 10	8 410 000	1985
1986	1 140 AT 18:30 YST ON AUG 24	1 060 ON AUG 24	12.38 ON MAY 8	4 380 000	1986
MEAN				7 050 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

RANCHERIA RIVER NEAR THE MOUTH - STATION NO. 10AA004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1985	12.1	11.0	10.7	9.77	51.7	172	131	54.7	48.4	38.3	19.7	15.6	48.0	1985
1986	12.5	8.02	8.81	14.0	---	---	---	---	---	---	46.2	26.7	---	1986
MEAN	12.3	9.51	9.76	11.9	51.7	172	131	54.7	48.4	38.3	33.0	21.2	48.0	MEAN

LOCATION - LAT 60 12 35 N LONG 129 33 00 W DRAINAGE AREA, 5 100 km^2 NATURAL FLOW

RANCHERIA RIVER NEAR THE MOUTH - STATION NO. 10AA004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1985	355 AT 11:24 YST ON JUN 5 *	342 ON JUN 5 *	9 558 ON APR 23	1 510 000	1985
1986	261	---	7 608 ON FEB 19 *	---	1986
MEAN				1 510 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

ROSE CREEK BELOW FARO CREEK - STATION NO. 09BC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	---	---	---	1.05	---	---	---	---	1966
1967	---	---	---	---	---	11.6	2.99	1.78	1.91	1.05	0.604	0.428	---	1967
1968	0.274	0.207	0.201	0.235	4.01	6.14	4.58	4.24	5.43	1.38	0.917	0.841	2.36	1968
1969	0.296	0.215	0.210	0.252	2.57	3.80	2.55	---	---	---	---	---	---	1969
MEAN	0.285	0.211	0.208	0.244	3.29	7.18	3.37	3.01	2.80	1.22	0.761	0.635	2.36	MEAN

LOCATION - LAT 62 20 30 N LONG 133 24 30 W DRAINAGE AREA, 208 km^2 REGULATED

ROSE CREEK BELOW FARO CREEK - STATION NO. 09BC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1966	---	---	---	---	1966
1967	---	32.6 ON MAY 31 *	0.1738 ON MAR 10 *	---	1967
1968	---	15.5 ON JUL 6	0.1888 ON FEB 27	74 500	1968
1969	---	10.0 ON JUN 10	0.2078 ON MAR 21	---	1969
MEAN				74 500	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

ROSS RIVER AT ROSS RIVER - STATION NO. 09BA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	---	---	---	---	---	---	---	---	---	---	---	19.3	---	1960
1961	14.2	9.63	9.63	7.22	---	---	---	---	---	66.3	30.6	21.5	---	1961
1962	13.6	9.34	9.34	8.82	92.8	457	133	76.8	71.6	52.1	16.3	11.3	79.4	1962
1963	10.2	9.06	8.50	7.65	225	302	126	83.1	51.8	---	---	---	---	1963
1964	---	---	---	---	---	---	---	---	---	---	17.6	12.4	---	1964
1965	7.83	6.16	5.38	5.33	72.9	157	89.9	57.6	69.6	45.9	19.3	14.7	47.3	1965
1966	6.57	6.01	6.03	6.75	120	261	96.0	42.4	37.0	36.4	14.5	9.61	52.6	1966
1967	7.03	6.65	6.45	5.33	130	283	109	69.3	67.1	44.9	19.6	10.3	63.2	1967
1968	7.20	6.98	6.63	6.81	161	288	161	85.7	99.9	51.3	18.3	12.9	75.6	1968
1969	8.34	8.19	8.07	8.23	105	147	130	117	126	46.4	12.9	11.7	80.4	1969
1970	7.58	6.62	6.08	6.94	150	232	172	104	77.5	68.8	22.5	11.5	72.6	1970
1971	8.05	6.82	6.72	7.06	178	291	87.4	54.9	45.4	30.2	16.0	10.2	62.8	1971
1972	6.08	5.35	4.46	4.85	185	369	138	85.7	48.9	25.9	14.9	9.35	75.7	1972
1973	7.08	6.18	6.00	6.10	178	235	105	92.0	85.2	34.4	11.1	7.48	65.6	1973
1974	4.03	3.11	2.84	3.84	148	240	75.7	88.8	50.4	26.8	17.9	12.9	56.6	1974
1975	8.05	7.34	6.86	7.87	179	343	152	77.5	80.5	71.8	20.4	11.2	80.8	1975
1976	8.05	6.44	5.62	7.53	228	208	158	74.1	57.6	40.8	15.1	10.9	68.6	1976
1977	9.07	7.94	6.78	7.61	208	207	109	76.2	79.7	54.7	20.0	11.2	66.7	1977
1978	7.85	5.58	4.85	10.2	144	196	163	111	46.6	60.5	20.4	15.5	65.8	1978
1979	9.84	6.03	6.59	10.5	165	288	130	85.6	35.0	43.9	19.0	11.6	67.9	1979
1980	7.41	6.03	5.66	6.06	151	145	96.0	83.7	72.3	62.0	25.8	7.99	65.9	1980
1981	7.14	6.77	6.32	6.30	189	151	87.3	51.1	51.6	36.5	26.3	18.1	53.6	1981
1982	13.5	8.32	4.78	4.64	62.2	197	78.2	52.2	46.6	57.8	33.5	23.9	48.7	1982
1983	14.5	8.87	6.77	11.2	187	300	108	94.1	86.7	45.2	20.2	13.5	75.0	1983
1984	10.1	8.41	9.56	11.8	137	240	125	82.0	72.3	41.3	19.8	12.8	64.6	1984
1985	8.42	7.62	8.42	7.51	132	295	184	94.0	86.1	62.0	11.8	8.50	73.3	1985
1986	7.52	5.94	4.56	4.86	160	338	142	91.8	89.9	76.8	27.2	16.1	80.4	1986
MEAN	8.74	6.90	6.21	7.24	154	257	124	80.9	67.8	49.0	19.6	13.1	65.8	MEAN

LOCATION - LAT 61 59 40 N DRAINAGE AREA, 7 250 km²
LONG 132 22 40 W NATURAL FLOW

ROSS RIVER AT ROSS RIVER - STATION NO. 09BA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1960	---	---	---	---	1960
1961	---	---	7.22B ON APR 1	---	1961
1962	---	589 ON JUN 18	8.92B ON APR 1	2 500 000	1962
1963	---	487E ON MAY 25	7.36B ON MAY 1	---	1963
1964	---	---	---	---	1964
1965	345 AT 22:00 YST ON JUN 3	343 ON JUN 3	5.10B ON APR 1	1 490 000	1965
1966	323 AT 04:15 YST ON JUN 17	320 ON JUN 16	5.89B ON MAR 10	1 670 000	1966
1967	---	310E ON JUN 5	4.33B ON APR 6	1 990 000	1967
1968	447 AT 21:00 YST ON MAY 23	442 ON MAY 23	8.29B ON MAR 29	2 390 000	1968
1969	348 AT 05:00 YST ON JUL 15	328A ON JUL 15	5.01B ON MAR 22	1 910 000	1969
1970	527 AT 22:43 YST ON JUN 7	498 ON JUN 7	5.68B ON APR 16	2 290 000	1970
1971	394 AT 10:34 YST ON JUN 13	388 ON JUN 13	5.10B ON MAR 26	1 980 000	1971
1972	762 AT 00:40 YST ON JUN 2 *	742 ON JUN 1 *	4.30B ON APR 10	2 400 000	1972
1973	388 AT 01:00 YST ON MAY 19	374 ON MAY 18	5.01B ON DEC 31	2 070 000	1973
1974	436 AT 11:20 YST ON JUN 5	430 ON JUN 5	2.83B ON MAR 7 *	1 780 000	1974
1975	575 AT 16:10 YST ON JUN 5	564 ON JUN 5	6.60B ON MAR 16	2 550 000	1975
1976	317 AT 02:59 YST ON MAY 7	297 ON MAY 25	5.44B ON MAR 12	2 170 000	1976
1977	467 AT 15:35 YST ON MAY 28	462 ON MAY 28	6.09B ON MAR 24	2 110 000	1977
1978	280 AT 19:50 YST ON JUN 6	278 ON JUN 6	4.67B ON MAR 8	2 080 000	1978
1979	467 AT 08:30 YST ON JUN 6	460 ON JUN 6	5.10B ON FEB 14	2 140 000	1979
1980	321 AT 05:30 YST ON MAY 17	320A ON MAY 17	5.49B ON MAR 3	1 770 000	1980
1981	341 AT 07:10 YST ON MAY 24	337 ON MAY 24	5.60B ON APR 13	1 690 000	1981
1982	---	298E ON JUN 3	4.22B ON APR 12	1 540 000	1982
1983	592 AT 11:02 YST ON JUN 4	588 ON JUN 4	6.20B ON MAR 26	2 380 000	1983
1984	365 AT 07:58 YST ON JUN 12	360 ON JUN 11	7.45B ON FEB 23	2 040 000	1984
1985	492 AT 15:37 YST ON JUN 7	488 ON JUN 7	5.90B ON MAR 7	2 310 000	1985
1986	492 AT 13:50 YST ON JUN 2	488 ON JUN 2	4.05B ON APR 1	2 540 000	1986
				2 080 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SEKULMUN RIVER AT OUTLET OF SEKULMUN LAKE - STATION NO. 08AA005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	0.349	0.223	0.035	0.285	5.92	8.17	8.98	6.85	5.18	4.41	2.91	1.61	3.78	1981
1982	0.113	0	0	0.155	5.32	18.7	12.0	8.11	5.86	3.71	1.07	0.177	4.71	1982
1983	0.005	0	0	0.531	4.83	10.4	9.83	12.1	10.0	6.78	2.91	1.85	4.88	1983
1984	0.327	0.001	0.065	1.01	1.97	4.73	12.6	7.76	5.05	5.58	4.61	2.34	4.27	1984
1985	1.15	0.211	0.173	1.15	2.49	7.52	10.2	10.4	11.9	8.67	3.65	2.50	4.85	1985
1986	2.09	0.505	0.255	1.44	4.35	13.2	19.0	14.2	8.92	5.49	1.88	1.01	6.07	1986
MEAN	0.674	0.157	0.088	0.782	4.31	10.5	12.1	9.91	6.48	5.44	2.84	1.61	4.76	MEAN

LOCATION - LAT 61 33 50 N DRAINAGE AREA, 1 250 km²
LONG 137 31 57 W NATURAL FLOW

SEKULMUN RIVER AT OUTLET OF SEKULMUN LAKE - STATION NO. 09AA008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	10.0 AT 16:05 YST ON JUN 2	9.74 ON JUN 2	0 B ON MAR 5 *	119 000	1981
1982	23.2 AT 11:20 YST ON JUN 13 *	22.9 ON JUN 12 *	0 B ON JAN 20	148 000	1982
1983	14.9 AT 20:21 YST ON AUG 22	14.6 ON AUG 21	0 B ON JAN 14	154 000	1983
1984	20.2 AT 21:13 YST ON JUL 8	19.5 ON JUL 9	0 B ON FEB 5	135 000	1984
1985	13.6 AT 17:38 YST ON SEP 14	12.0 ON SEP 11	0.0848 ON FEB 27	153 000	1985
1986	23.0 AT 17:30 YST ON JUL 7	22.3 ON JUL 7	0.2008 ON FEB 28	191 000	1986
	B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD			150 000	MEAN

SIDNEY CREEK AT KILOMETRE 46 SOUTH CANOL ROAD - STATION NO. 09AB002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	1.40	1.15	0.939	0.732	2.14	18.1	3.87	2.26	2.86	2.24	1.08	0.952	3.14	1982
1983	0.804	0.794	0.622	0.758	10.3	14.4	5.32	3.79	3.98	2.69	1.86	1.35	3.90	1983
1984	1.02	0.869	1.17	1.34	6.19	13.4	4.75	4.35	3.80	2.78	1.92	1.33	3.89	1984
1985	0.809	0.703	0.612	0.402	7.66	18.1	8.53	2.82	2.26	1.87	1.06	0.901	3.82	1985
1986	0.712	0.474	0.433	0.466	5.65	19.0	13.1	4.65	4.02	3.91	1.08	1.10	4.84	1986
MEAN	0.869	0.818	0.753	0.738	6.37	16.8	7.11	3.57	3.39	2.70	1.40	1.13	3.80	MEAN

LOCATION - LAT 60 47 05 N LONG 133 03 15 W DRAINAGE AREA, 372 km^2 NATURAL FLOW

SIDNEY CREEK AT KILOMETRE 46 SOUTH CANOL ROAD - STATION NO. 09AB002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	54.1 AT 06:32 YST ON JUN 9	48.0 ON JUN 8	0.7008 ON APR 20	98 800	1982
1983	65.8 AT 15:12 YST ON JUN 1 *	58.6 ON JUN 1 *	0.5758 ON MAR 25	123 000	1983
1984	28.8 AT 06:16 YST ON JUN 8	24.3 ON JUN 8	0.6018 ON JAN 27	113 000	1984
1985	65.5 AT 12:52 YST ON JUN 5	57.4 ON JUN 5	0.3658 ON APR 22 *	121 000	1985
1986	47.9 AT 06:39 YST ON JUL 3	40.0 ON JUL 3	0.3958 ON MAR 5	144 000	1986
	B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD			120 000	MEAN

SNAKE RIVER ABOVE IRON CREEK - STATION NO. 10MB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	---	---	---	---	---	211	112	98.4	55.8	---	---	---	---	1984
1985	---	---	---	---	---	---	105	81.6	50.7	---	---	---	---	1985
1986	---	---	---	---	---	---	96.6	44.4	42.4	---	---	---	---	1986
1987	---	---	---	---	---	---	92.9	87.7	---	---	---	---	---	1987
MEAN	---	---	---	---	---	211	102	80.5	49.5	---	---	---	---	MEAN

LOCATION - LAT 65 14 45 N LONG 133 24 10 W DRAINAGE AREA, 2 770 km^2 NATURAL FLOW

SNAKE RIVER ABOVE IRON CREEK - STATION NO. 10MB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1984	---	323E ON JUN 7 *	0 B ON APR 28 *	---	1984
1985	247 AT 10:00 YST ON JUN 10	220 ON JUN 10	0.0068 ON MAR 18	---	1985
1986	308 AT 10:00 YST ON JUN 13 *	294 ON JUN 13	0 B ON MAR 17	---	1986
1987	306 AT 23:25 YST ON JUN 19	271 ON AUG 15	0 B ON APR 20	---	1987
	B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD			---	MEAN

SNAKE RIVER NEAR THE MOUTH - STATION NO. 10MB003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	---	---	---	---	---	154	59.2	20.6	11.2	---	1975
1976	8.36	7.81	7.34	7.89	---	---	---	198	104	46.7	18.1	11.6	---	1976
1977	10.0	8.90	8.36	8.43	247	293	131	86.1	55.5	40.6	16.0	9.14	78.2	1977
1978	7.96	7.05	6.37	5.90	76.8	469	176	140	101	46.6	23.8	11.9	89.2	1978
1979	7.10	5.04	7.22	8.53	156	274	280	206	167	113	64.6	26.5	111	1979
1980	12.2	8.67	8.14	8.18	235	287	92.0	219	128	63.8	24.7	13.3	85.3	1980
1981	9.80	7.53	8.11	9.02	163	247	382	187	98.7	57.4	26.3	12.8	101	1981
1982	8.84	6.28	6.46	6.85	258	464	216	197	118	61.4	26.9	13.9	116	1982
1983	9.66	8.69	8.19	7.26	221	439	189	285	153	104	34.1	14.7	122	1983
1984	8.46	6.94	7.29	11.0	---	---	302	211	151	55.8	31.2	16.2	---	1984
1985	10.7	8.52	7.78	7.87	219	356	163	140	178	82.5	23.8	13.2	91.4	1985
1986	11.0	9.57	8.04	7.45	18.4	359	212	387	106	48.3	29.2	16.4	100	1986
MEAN	9.23	7.75	7.38	8.01	183	334	216	200	126	62.6	28.5	14.3	99.2	MEAN

LOCATION - LAT 65 58 10 N DRAINAGE AREA, 8 910 km²
LONG 134 01 40 W NATURAL FLOW

SNAKE RIVER NEAR THE MOUTH - STATION NO. 10MB003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1975	---	---	---	---	1975
1976	---	---	---	---	1976
1977	1 350 AT 08:26 YST ON MAY 19	1 150 ON MAY 19	8.168 ON APR 26	2 470 000	1977
1978	1 480 AT 05:15 YST ON JUN 2	1 290 ON JUN 2	5.648 ON APR 7	2 820 000	1978
1979	854 AT 12:00 YST ON MAY 23	578 ON MAY 23	4.478 ON FEB 12 *	3 510 000	1979
1980	894 AT 08:46 YST ON MAY 25	779 ON MAY 25	7.628 ON APR 9	2 700 000	1980
1981	970 AT 09:00 YST ON JUL 20	767 ON JUL 20	5.778 ON MAR 31	3 190 000	1981
1982	1 560 AT 07:00 YST ON JUN 15	1 440 ON JUN 15	5.718 ON FEB 25	3 640 000	1982
1983	2 240 AT 11:42 YST ON JUN 1	2 010 ON JUN 1	5.768 ON APR 26	3 840 000	1983
1984	871 AT 09:59 YST ON JUN 16	710 ON JUN 16	5.608 ON FEB 25	---	1984
1985	909 AT 04:39 YST ON MAY 21	810 ON MAY 20	7.208 ON MAR 2	2 880 000	1985
1986	3 430E AT 18:39 YST ON AUG 14 *	2 240E ON AUG 14 *	7.308 ON APR 30	3 180 000	1986
				3 130 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

SOUTH BIG SALMON RIVER BELOW LIVINGSTONE CREEK - STATION NO. 09AG003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	---	2.84	4.24	3.49	0.912	0.295	---	1982
1983	0.259	0.241	0.288	0.506	7.61	15.0	5.69	5.70	5.57	2.82	1.14	0.416	3.67	1983
1984	0.327	0.310	0.353	0.480	3.46	11.9	5.65	5.19	3.87	1.80	0.805	0.546	2.93	1984
1985	0.468	0.337	0.287	0.239	3.82	15.3	14.3	8.92	5.82	3.87	1.99	1.30	4.73	1985
1986	0.563	0.178	0.252	0.361	2.04	16.5	15.1	11.0	10.0	6.01	3.72	1.70	5.56	1986
MEAN	0.404	0.276	0.258	0.382	4.18	14.7	10.9	6.75	5.85	3.56	1.61	0.851	4.27	MEAN

LOCATION - LAT 61 23 10 N DRAINAGE AREA, 515 km²
LONG 134 22 15 W NATURAL FLOW

SOUTH BIG SALMON RIVER BELOW LIVINGSTONE CREEK - STATION NO. 09AG003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	---	---	---	---	1982
1983	85.9 AT 01:42 YST ON JUN 1 *	76.8 ON MAY 31 *	0.2416 ON JAN 25	122 000	1983
1984	33.8 AT 03:36 YST ON JUN 8	18.4 ON JUN 8	0.2738 ON JAN 29	92 700	1984
1985	---	35.7A ON JUN 5	0.2388 ON APR 29	148 000	1985
1986	49.4 AT 17:43 YST ON JUL 2	43.1 ON JUL 2	0.1678 ON FEB 21 *	178 000	1986
				135 000	MEAN

A - MANUAL GAUGE B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
(SEE REFERENCE INDEX)

SOUTH MACMILLAN RIVER AT KILOMETRE 407 CANOL ROAD - STATION NO. 09BB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	---	---	---	14.1	5.07	3.03	---	1974
1975	2.27	2.02	2.02	2.85	28.5	101	72.9	25.4	35.1	16.5	3.90	2.64	24.5	1975
1976	2.06	1.76	1.92	2.07	26.2	62.1	58.4	26.0	20.2	11.5	4.50	2.66	18.3	1976
1977	2.25	1.97	1.92	1.76	33.6	80.6	40.7	36.8	19.3	9.80	4.41	2.12	19.9	1977
1978	1.77	1.10	0.774	0.780	25.0	86.1	58.5	33.1	15.0	17.5	6.24	3.81	20.9	1978
1979	1.86	1.08	1.13	1.84	31.5	82.4	62.9	28.4	13.6	12.4	5.83	2.40	19.7	1979
1980	1.35	0.886	0.661	0.982	26.2	85.3	40.6	33.6	18.5	18.9	7.18	2.53	17.4	1980
1981	1.98	1.58	1.66	1.84	41.7	46.7	43.7	27.9	23.5	11.1	5.66	3.12	17.6	1981
1982	2.00	1.19	0.777	0.789	3.85	70.3	38.7	22.7	14.1	12.8	4.75	3.20	14.6	1982
1983	1.83	0.751	0.431	0.515	25.6	97.0	49.7	41.3	26.4	14.0	8.99	4.29	22.6	1983
1984	2.84	2.38	2.26	2.87	19.8	77.1	42.2	33.6	15.5	11.1	7.58	5.06	18.6	1984
1985	3.13	1.67	1.27	1.80	19.5	86.9	71.8	23.0	11.0	7.66	5.73	4.74	19.1	1985
1986	3.35	1.33	0.686	0.739	16.8	87.3	85.4	34.4	19.2	10.8	5.35	2.82	20.7	1986
MEAN	2.33	1.67	1.35	1.66	23.8	78.5	53.0	30.5	19.3	12.9	5.78	3.26	19.5	MEAN

LOCATION - LAT 62 55 30 N DRAINAGE AREA, 937 km²
LONG 130 32 30 W NATURAL FLOW

SOUTH MACMILLAN RIVER AT KILOMETRE 407 CANOL ROAD - STATION NO. 09BB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1974	---	---	---	---	1974
1975	134 AT 08 30 YST ON JUN 4	130 ON JUN 4	1.98 B ON MAR 10	777 000	1975
1976	103 AT 23 23 YST ON JUL 12	93.2 ON JUL 12	1.64 B ON MAR 22	578 000	1976
1977	108 AT 08 00 YST ON MAY 30	102 ON MAY 30	1.55 B ON MAR 25	626 000	1977
1978	130 AT 06 30 YST ON JUN 9	113 ON JUN 9	0.8578 ON APR 7	859 000	1978
1979	108 AT 10 00 YST ON JUN 13	99.8 ON JUN 3	0.6508 ON FEB 13	621 000	1979
1980	116 AT 11 54 YST ON JUN 8	115 ON JUN 8	0.5888 ON MAR 31	550 000	1980
1981	106 AT 00 00 YST ON MAY 30	106 ON MAY 29	1.43 B ON MAR 29	585 000	1981
1982	113 AT 06 02 YST ON JUN 15	108 ON JUN 15	0.7008 ON APR 12	461 000	1982
1983	177 AT 02 42 YST ON JUN 3 *	170 ON JUN 2 *	0.3978 ON MAR 28 *	717 000	1983
1984	107 AT 13 56 YST ON JUN 10	106 ON JUN 10	2.08 B ON MAR 18	586 000	1984
1985	154 AT 11 36 YST ON JUN 7	148 ON JUN 7	1.20 B ON FEB 14	803 000	1985
1986	139 AT 22 11 YST ON JUN 21	136 ON JUN 22	0.6338 ON APR 1	651 000	1986
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		616 000	MEAN

STEWART RIVER ABOVE FRASER FALLS - STATION NO. 09DC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	49.2	42.4	43.0	53.5	695	1 150	853	620	416	343	143	82.8	358	1980
1981	54.3	40.6	33.7	36.6	898	778	696	537	473	287	87.8	86.7	331	1981
1982	48.1	38.4	30.7	35.9	633	1 330	743	542	282	181	92.2	52.8	315	1982
1983	44.9	41.3	34.4	37.8	545	1 630	825	733	518	260	140	87.7	390	1983
1984	54.6	38.3	35.4	46.1	893	1 120	711	411	242	170	95.4	59.8	303	1984
1985	48.6	43.0	33.7	34.2	536	1 700	1 010	532	463	270	87.8	46.9	400	1985
1986	42.8	38.5	30.0	30.1	635	1 810	934	640	561	337	84.2	65.1	443	1986
MEAN	44.7	38.6	32.1	36.9	838	1 380	787	602	419	251	104	61.7	383	MEAN

LOCATION - LAT 63 39 17 N DRAINAGE AREA, 30 600 km²
LONG 135 08 08 W NATURAL FLOW

STEWART RIVER ABOVE FRASER FALLS - STATION NO. 09DC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1980	---	1 930E ON JUN 11	39.4B ON FEB 17	11 300 000	1980
1981	1 670 AT 21 00 YST ON MAY 30	1 460 ON MAY 30	32.0B ON MAR 24	10 500 000	1981
1982	1 660 AT 13 56 YST ON JUN 14	1 850 ON JUN 14	19.3B ON MAR 17 *	9 930 000	1982
1983	3 200 AT 16 51 YST ON JUN 4 *	3 140 ON JUN 4 *	30.8B ON DEC 31	12 300 000	1983
1984	1 670 AT 03 49 YST ON JUN 15	1 660 ON JUN 15	23.0B ON JAN 24	9 590 000	1984
1985	---	2 790A ON JUN 8	33.0B ON MAR 4	12 800 000	1985
1986	2 570 AT 17 56 YST ON JUN 10	2 520 ON JUN 10	28.7B ON MAR 30	14 000 000	1986
	A - MANUAL GAUGE (SEE REFERENCE INDEX)	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD	11 500 000	MEAN

STEWART RIVER AT MAYO - STATION NO. 09DC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1948	---	52.0	45.1	53.4	531	1 850	1 300	610	563	470	123	75.8	---	1948
1950	56.7	43.4	32.3	61.6	369	1 040	419	351	371	224	88.3	47.0	257	1950
1951	31.1	23.5	25.5	30.0	399	709	571	344	315	155	79.9	51.2	229	1951
1952	32.5	24.9	22.3	---	---	---	749	382	506	457	198	57.6	---	1952
1953	36.3	36.6	35.3	43.2	986	840	703	424	435	237	183	---	---	1953
1954	---	---	---	---	671	1 120	806	545	401	233	---	---	---	1954
1955	---	---	35.6	34.3	418	1 390	1 130	783	447	240	91.3	47.2	---	1955
1956	26.7	20.4	22.0	27.2	630	1 200	948	607	423	192	84.0	58.8	354	1956
1957	50.1	40.5	33.7	37.6	1 090	1 730	1 280	654	276	---	---	---	---	1957
1958	---	34.3	26.8	57.9	890	1 080	424	397	438	424	173	58.4	---	1958
1959	44.3	36.9	32.7	32.0	809	1 200	652	518	326	215	91.8	72.9	338	1959
1960	61.1	47.5	37.5	65.7	776	1 100	1 240	834	528	302	175	93.0	440	1960
1961	63.8	49.0	38.5	35.4	753	2 270	1 010	678	364	209	73.4	53.8	467	1961
1962	44.5	40.8	37.7	37.7	830	2 240	923	585	453	263	128	85.0	456	1962
1963	66.5	56.6	46.7	36.8	761	1 180	921	550	437	358	125	88.0	386	1963
1964	69.4	64.5	46.3	37.7	184	2 980	1 380	838	584	294	140	90.0	582	1964
1965	55.6	33.2	27.2	31.8	346	1 040	786	497	447	256	100	83.6	310	1965
1966	19.1	20.8	21.5	40.1	562	1 450	654	387	327	197	67.3	42.7	316	1966
1967	35.2	33.8	35.5	42.8	485	1 620	749	646	634	263	122	81.3	396	1967
1968	58.2	40.2	46.2	60.3	627	1 850	748	389	281	171	86.3	52.8	367	1968
1969	25.8	20.9	16.8	36.7	405	1 000	439	442	459	202	81.3	53.0	266	1969
1970	35.0	29.9	25.8	36.8	596	1 520	1 010	597	490	280	75.7	42.7	396	1970
1971	32.0	26.1	22.5	30.9	748	1 710	827	492	408	200	90.3	45.7	388	1971
1972	32.2	25.5	23.3	23.3	588	1 730	702	472	478	173	83.4	53.0	385	1972
1973	28.5	23.1	22.1	30.0	808	1 320	915	625	543	185	82.0	42.7	386	1973
1974	31.9	19.7	15.5	19.6	540	1 000	563	765	387	181	90.6	58.8	305	1974
1975	42.4	41.5	40.1	37.6	819	2 080	1 020	522	508	398	133	71.4	486	1975
1976	43.8	33.5	29.7	32.2	848	952	680	431	315	245	82.8	40.8	312	1976
1977	38.5	42.1	25.4	25.3	862	1 490	574	409	291	166	40.7	46.5	335	1977
1978	37.5	34.2	33.9	37.0	438	1 150	905	504	242	273	148	86.7	327	1978
1979	52.2	26.5	30.6	34.4	837	1 510	1 080	648	355	332	127	72.2	429	1979
MEAN	42.7	35.0	31.1	38.3	650	1 440	843	549	419	259	108	62.7	370	MEAN

LOCATION - LAT 63 35 26 N DRAINAGE AREA, 31 800 km²
LONG 135 53 48 W NATURAL FLOW

STEWART RIVER AT MAYO - STATION NO. 09DC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1948	---	2 480 ON JUN 25	35.9B ON APR 11	---	1948
1950	---	1 510 ON JUN 23	26.1B ON APR 10	8 110 000	1950
1951	---	912 ON JUL 3	23.2B ON FEB 16	7 220 000	1951
1952	---	---	---	---	1952
1953	---	2 000 ON MAY 28	32.3B ON MAR 31	---	1953
1954	---	1 930 ON MAY 30	---	---	1954
1955	---	2 680 ON JUL 2	32.8B ON APR 11	---	1955
1956	---	1 950 ON JUN 23	19.8B ON FEB 20	11 200 000	1956
1957	---	3 680 ON MAY 26	33.1B ON MAR 9	---	1957
1958	---	1 810 ON JUN 9	25.2B ON MAR 27	---	1958
1959	---	2 630 ON MAY 24	31.1B ON APR 1	10 700 000	1959
1960	---	2 310 ON JUL 30	34.0B ON MAR 31	13 900 000	1960
1961	---	3 680 ON JUN 11	34.6B ON APR 9	14 700 000	1961
1962	---	2 730E ON JUN 26	37.7B ON FEB 13	14 400 000	1962
1963	---	2 430 ON MAY 25	36.8B ON APR 1	12 200 000	1963
1964	---	4 110E ON JUN 10 *	35.4B ON APR 22	17 800 000	1964
1965	---	1 810 ON JUN 3	26.1B ON MAR 10	9 760 000	1965
1966	---	2 210 ON JUN 17	17.8B ON JAN 10	9 880 000	1966
1967	---	2 760 ON JUN 4	33.1B ON FEB 9	12 500 000	1967
1968	---	2 090 ON JUN 14	26.5B ON FEB 26	11 600 000	1968
1969	---	1 880 ON JUN 13	15.8B ON MAR 19	8 380 000	1969
1970	---	2 940 ON JUN 7	25.5B ON MAR 9	12 500 000	1970
1971	---	2 640 ON JUN 14	21.4B ON MAR 21	12 200 000	1971
1972	2 820 AT 07:27 YST ON JUN 2	2 880 ON JUN 2	22.7B ON MAR 3	11 500 000	1972
1973	1 910 AT 06:08 YST ON JUN 12	1 870 ON JUN 12	20.7B ON MAR 19	12 200 000	1973
1974	1 610 AT 15:37 YST ON MAY 26	1 500 ON MAY 26	16.2B ON MAR 19 *	9 610 000	1974
1975	3 140 AT 10:04 YST ON JUN 7 *	3 110 ON JUN 7	26.8B ON APR 4	15 300 000	1975
1976	---	1 630A ON MAY 6	26.3B ON MAR 31	9 870 000	1976
1977	2 370 AT 17:00 YST ON JUN 2	2 340 ON JUN 2	21.7B ON MAR 21	10 600 000	1977
1978	1 880 AT 08:30 YST ON JUN 11	1 800 ON JUN 11	31.1B ON APR 15	10 300 000	1978
1979	2 020 AT 13:30 YST ON JUN 5	2 010 ON JUN 5	25.8B ON FEB 9	13 500 000	1979
				11 700 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

STEWART RIVER AT STEWART CROSSING - STATION NO. 09DD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1961	...	...	...	...	...	2 250	1 080	741	602	231	88.1	88.0	...	1961
1962	62.3	57.4	53.6	53.6	731	2 320	1 010	662	513	313	143	90.6	502	1962
1963	73.6	65.1	56.6	48.1	833	1 290	1 060	843	494	406	139	100	437	1963
1964	83.5	69.6	64.3	64.3	207	3 150	1 500	993	577	306	154	101	605	1964
1965	86.8	80.2	47.6	52.2	345	1 070	822	521	476	264	94.8	80.9	326	1965
1966	47.8	46.7	46.7	85.8	836	1 500	736	430	364	230	94.9	84.7	355	1966
1967	59.2	57.1	57.2	81.8	517	1 830	789	695	890	275	149	103	424	1967
1968	80.3	68.6	86.2	78.8	809	1 620	832	392	307	187	127	84.8	389	1968
1969	43.9	34.7	28.9	48.7	419	1 010	453	460	490	322	122	82.0	285	1969
1970	57.8	51.9	46.1	55.3	625	1 570	1 080	632	528	305	123	83.6	430	1970
1971	61.5	50.1	42.8	49.3	792	1 750	843	509	416	314	132	87.7	414	1971
1972	59.0	45.4	39.0	37.4	821	1 780	733	478	500	203	108	89.7	389	1972
1973	55.9	46.7	47.0	56.8	853	1 420	982	885	586	315	95.5	81.8	438	1973
MEAN	62.7	53.7	50.0	58.1	615	1 720	914	601	489	260	121	84.8	416	MEAN

LOCATION - LAT 63 22 56 N LONG 135 60 59 W
DRAINAGE AREA, 35 000 km²
NATURAL FLOW

STEWART RIVER AT STEWART CROSSING - STATION NO. 09DD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1961	...	3 770E ON JUN 12	...	...	1961
1962	2 860 AT 13 30 YST ON JUN 26	2 830 ON JUN 26	53.88 ON FEB 13	15 900 000	1962
1963	2 460 AT 01 00 YST ON MAY 25	2 370 ON MAY 25	42.18 ON APR 1	13 800 000	1963
1964	4 330 AT 02 30 YST ON JUN 11 *	4 300 ON JUN 11 *	64.38 ON MAR 1	19 100 000	1964
1965	1 830 AT 01 30 YST ON JUN 4	1 750 ON JUN 3	47.28 ON MAR 10	10 300 000	1965
1966	2 230 AT 03 30 YST ON JUN 17	2 210 ON JUN 17	46.78 ON JAN 20	11 200 000	1966
1967	2 590 AT 17 00 YST ON JUN 4	2 590 ON JUN 4	54.88 ON JAN 26	13 400 000	1967
1968	1 950 AT 06 00 YST ON JUN 15	1 920 ON JUN 15	84.88 ON FEB 9	12 300 000	1968
1969	1 890 AT 21 00 YST ON JUN 13	1 870 ON JUN 13	25.58 ON MAR 18 *	8 950 000	1969
1970	2 830 AT 11 11 YST ON JUN 8	2 780 ON JUN 8	47.88 ON MAR 15	13 600 000	1970
1971	2 810 AT 06 36 YST ON JUN 15	2 580 ON JUN 15	41.18 ON MAR 22	13 000 000	1971
1972	2 940 AT 14 00 YST ON JUN 2	2 920A ON JUN 2	36.58 ON APR 2	12 300 000	1972
1973	2 000 AT 11 45 YST ON JUN 12	2 000 ON JUN 12	44.58 ON FEB 13	13 400 000	1973
				13 100 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

STEWART RIVER AT THE MOUTH - STATION NO. 09DD003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	...	...	...	...	...	...	...	...	...	432	183	147	...	1963
1964	128	108	88.3	80.1	220	3 940	1 650	1 120	736	400	194	128	733	1964
1965	83.1	69.2	68.7	68.0	452	1 280	973	641	588	331	124	104	398	1965
1966	63.3	60.9	60.2	86.5	789	1 500	777	446	398	256	110	78.9	387	1966
1967	67.1	64.5	64.4	67.7	695	1 700	883	772	811	339	178	144	481	1967
1968	105	86.4	90.2	87.0	977	1 750	951	486	382	233	145	107	451	1968
1969	62.9	59.3	54.0	82.0	588	1 090	491	493	544	253	154	116	334	1969
1970	89.1	75.9	69.6	85.2	778	1 640	1 110	690	605	361	181	117	483	1970
1971	84.6	84.3	68.8	86.6	1 000	1 680	915	586	534	255	182	110	477	1971
1972	79.8	82.7	83.7	80.1	745	1 820	808	532	566	261	135	113	446	1972
1973	74.7	81.7	86.6	72.0	1 130	1 610	1 140	785	738	302	127	76.5	517	1973
1974	62.8	39.7	35.9	42.4	885	1 180	843	851	444	248	187	122	380	1974
1975	85.2	73.8	85.8	80.9	1 080	2 580	1 140	635	589	517	188	123	555	1975
1976	90.4	73.7	82.8	84.2	893	1 080	758	484	337	288	116	70.9	370	1976
1977	84.1	74.7	83.0	88.7	1 000	1 670	874	681	384	280	75.0	78.1	407	1977
1978	82.8	85.4	88.4	83.3	510	1 300	1 100	804	325	362	184	123	386	1978
1979	82.9	80.7	83.4	86.2	1 080	1 630	1 260	755	681	423	210	122	530	1979
1980	82.4	70.4	71.8	80.8	834	1 290	781	741	585	453	196	127	441	1980
1981	92.8	76.7	67.2	77.5	961	948	848	842	826	421	180	108	431	1981
1982	89.5	84.5	68.8	86.3	802	1 530	854	838	331	250	144	88.4	381	1982
1983	78.3	77.0	81.8	71.7	708	1 840	724	788	808	318	188	111	486	1983
1984	88.8	81.8	88.0	108	885	1 230	821	450	328	223	140	106	374	1984
1985	88.9	74.8	86.3	86.5	888	1 920	1 170	845	536	340	123	75.6	482	1985
1986	70.9	67.2	66.7	86.4	745	2 120	1 030	807	631	271	118	90.3	516	1986
MEAN	80.6	88.3	82.0	71.5	785	1 680	934	682	524	325	153	108	455	MEAN

LOCATION - LAT 63 16 55 N LONG 139 14 58 W
DRAINAGE AREA, 51 000 km²
NATURAL FLOW

STEWART RIVER AT THE MOUTH - STATION NO 09DD003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	---	---	---	---	1983
1984	5 640 AT 05 45 YST ON JUN 13 *	5 510 ON JUN 12 *	76 90 ON MAY 1	23 200 000	1984
1985	1 950 AT 05 00 YST ON JUN 3	1 930 ON JUN 3	85 18 ON MAR 26	12 600 000	1985
1986	2 100 AT 23 00 YST ON JUN 18	2 050 ON JUN 18	59 58 ON APR 1	12 200 000	1986
1987	2 850 AT 19 00 YST ON JUN 4	2 830 ON JUN 4	64 08 ON MAR 1	15 200 000	1987
1988	2 230 AT 05 00 YST ON MAY 29	2 210 ON MAY 29	82 18 ON FEB 11	14 200 000	1988
1989	1 880 AT 18 00 YST ON JUN 14	1 870 ON JUN 14	48 78 ON MAR 20	10 500 000	1989
1970	3 000 AT 10 55 YST ON JUN 9	2 940 ON JUN 9	58 08 ON MAR 22	15 200 000	1970
1971	2 780 AT 04 05 YST ON JUN 16	2 700 ON JUN 16	45 38 ON MAR 24	15 000 000	1971
1972	3 620 AT 11 57 YST ON JUN 3	3 570 ON JUN 3	48 48 ON APR 22	14 100 000	1972
1973	2 250 AT 07 26 YST ON MAY 20	2 210 ON MAY 20	56 48 ON MAR 18	16 300 000	1973
1974	1 800 AT 12 47 YST ON MAY 27	1 780 ON MAY 26	35 48 ON MAR 12 *	12 000 000	1974
1975	3 950 AT 21 56 YST ON JUN 8	3 950 ON JUN 8	58 68 ON APR 18	18 600 000	1975
1976	---	1 760E ON MAY 7	59 28 ON APR 14	11 700 000	1976
1977	2 640 AT 00 50 YST ON JUN 4	2 570 ON JUN 4	57 28 ON MAR 26	12 800 000	1977
1978	2 190 AT 12 30 YST ON JUN 12	2 160 ON JUN 12	43 38 ON APR 3	12 500 000	1978
1979	2 140 AT 02 30 YST ON JUN 4	2 110 ON JUN 4	53 58 ON FEB 8	18 400 000	1979
1980	2 080 AT 17 35 YST ON JUN 12	2 040 ON JUN 12	65 58 ON FEB 18	13 900 000	1980
1981	1 530 AT 23 30 YST ON MAY 31	1 530 ON JUN 1	62 08 ON APR 8	13 300 000	1981
1982	1 850 AT 09 10 YST ON JUN 17	1 850 ON JUN 16	45 58 ON FEB 24	12 300 000	1982
1983	3 940 AT 08 49 YST ON JUN 7	3 840 ON JUN 7	57 08 ON MAR 28	14 700 000	1983
1984	1 700 AT 00 42 YST ON JUN 18	1 680 ON JUN 17	58 58 ON JAN 27	11 800 000	1984
1985	3 800 AT 04 22 YST ON JUN 11	3 740 ON JUN 10	53 58 ON MAR 8	15 200 000	1985
1986	3 080 AT 13 44 YST ON JUN 12	3 030 ON JUN 12	64 08 ON APR 15	16 300 000	1986
				14 400 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

TAGISH CREEK NEAR CARCROSS - STATION NO 09AA011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1955	---	---	---	---	---	---	---	---	0 178	0 126	0 085	0 063	---	1955
1956	0 046	---	---	---	---	---	0 186	0 123	0 227	---	---	---	---	1956
1957	---	---	---	---	---	0 745	0 497	0 326	0 265	0 342	0 179	0 135	---	1957
1958	0 110	0 089	0 081	0 058	0 284	0 162	0 124	0 124	0 146	---	---	---	---	1958
1959	---	---	---	---	---	0 478	0 270	0 246	0 207	---	---	---	---	1959
1960	---	---	---	---	0 739	0 485	0 328	0 203	0 208	0 175	0 140	0 139	---	1960
1961	0 125	0 103	0 086	0 209	0 951	0 737	0 489	0 286	0 312	0 246	0 220	0 130	0 326	1961
1962	0 130	0 130	0 125	0 094	0 513	0 943	---	---	---	---	---	---	---	1962
1965	---	---	---	---	---	---	---	---	---	---	0 169	0 177	---	1965
1966	0 158	0 147	0 145	0 170	0 440	0 526	0 288	0 233	0 241	0 229	0 176	0 156	0 261	1966
1967	0 139	0 130	0 135	0 190	0 866	0 576	0 349	0 240	0 248	0 288	0 148	0 127	0 286	1967
1968	0 126	0 121	0 116	0 135	0 585	0 283	0 275	0 259	0 464	0 381	0 293	0 206	0 288	1968
1969	0 184	0 183	0 227	0 273	0 936	0 447	0 355	0 416	0 446	0 335	0 306	0 177	0 349	1969
1970	0 151	0 189	0 188	0 189	0 925	0 477	0 275	---	---	0 182	0 171	0 147	---	1970
1971	0 129	0 127	0 130	0 158	---	---	---	---	---	---	---	---	---	1971
MEAN	0 128	0 137	0 138	0 166	0 585	0 531	0 309	0 244	0 259	0 254	0 181	0 146	0 284	MEAN

LOCATION - LAT 60 17 32 N DRAINAGE AREA 76 9 km^2
LONG 134 18 00 W NATURAL FLOW

TAGISH CREEK NEAR CARCROSS - STATION NO 09AA011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1955	---	---	---	---	1955
1956	---	---	---	---	1956
1957	---	4 08 ON MAY 31 *	---	---	1957
1958	---	0 648 ON MAY 21	0 0798 ON MAR 19 *	---	1958
1959	---	2 52 ON MAY 23	---	---	1959
1960	---	1 42 ON APR 28	---	---	1960
1961	---	1 56 ON MAY 19	0 0888 ON FEB 12	10 300	1961
1962	---	1 53 ON JUN 5	0 0888 ON APR 8	---	1962
1965	---	---	---	---	1965
1966	---	1 42 E ON JUN 4	0 1448 ON FEB 26	7 600	1966
1967	1 98 AT 17 10 YST ON MAY 30	1 88 ON MAY 30	0 1258 ON NOV 29	5 010	1967
1968	2 27 AT 15 30 YST ON MAY 22	1 93 ON MAY 22	0 1108 ON FEB 24	5 520	1968
1969	2 74 AT 08 00 YST ON MAY 24 *	2 25 ON MAY 25	0 1428 ON JAN 14	11 000	1969
1970	2 56 AT 02 46 YST ON MAY 14	2 15 ON MAY 14	0 1198 ON JAN 15	---	1970
1971	---	---	0 1108 ON JAN 24	---	1971
				5 250	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

TAKHANNE RIVER AT KM 167 HAINES HIGHWAY - STATION NO. 08AC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	0.646	0.590	0.653	0.924	4.10	11.9	7.00	7.99	4.69	2.41	0.700	0.549	3.52	1984
1985	0.873	0.814	0.785	0.834	4.48	---	---	4.72	3.81	2.63	1.40	0.922	---	1985
1986	0.832	0.721	0.691	0.824	2.63	---	---	---	4.23	5.06	1.82	1.37	---	1986
MEAN	0.784	0.708	0.703	0.861	3.74	11.9	7.00	6.36	4.24	3.37	1.31	0.947	3.52	MEAN

LOCATION - LAT 60 05 50 N DRAINAGE AREA, 385 km²
LONG 136 55 00 W NATURAL FLOW

TAKHANNE RIVER AT KM 167 HAINES HIGHWAY - STATION NO. 08AC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1984	34.7 AT 13 07 YST ON AUG 9 *	27.3 ON AUG 9 *	0.4628 ON NOV 30 *	111 000	1984
1985	---	---	0.7208 ON JAN 1	---	1985
1986	---	---	0.6558 ON MAR 2	---	1986
				111 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

TAKHINI RIVER AT OUTLET OF KUSAWA LAKE - STATION NO. 08AC004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1952	---	---	---	---	---	---	---	---	81.7	75.4	41.3	18.1	---	1952
1953	9.32	9.03	8.61	7.00	14.3	123	234	187	102	47.7	25.7	13.8	85.5	1953
1954	9.75	7.71	6.34	6.59	17.4	77.9	131	140	80.1	41.8	25.4	16.8	47.1	1954
1955	12.4	9.77	8.06	7.67	11.1	25.7	---	---	---	40.0	---	---	---	1955
1956	---	---	---	4.23	---	37.7	128	131	82.9	---	---	---	---	1956
1958	---	---	---	---	---	---	144	119	67.5	34.5	20.6	13.0	---	1958
1959	9.66	8.05	7.55	7.31	12.4	127	175	110	66.0	40.4	22.3	15.1	50.3	1959
1960	9.43	8.02	6.15	6.66	15.1	68.9	146	160	82.3	45.6	25.7	15.0	49.3	1960
1961	9.34	7.93	7.08	6.23	---	---	---	---	---	55.0	28.3	17.8	---	1961
1962	12.2	8.50	8.50	7.83	19.5	131	197	155	101	62.3	---	---	---	1962
1963	---	---	---	---	---	64.6	204	166	127	79.2	38.9	19.6	---	1963
1964	14.2	11.3	10.2	9.34	9.29	166	166	---	---	---	---	9.16	---	1964
1965	8.26	8.34	7.79	6.75	7.64	38.2	139	126	84.5	48.1	28.5	17.6	43.7	1965
1966	11.3	9.01	6.74	6.71	8.85	76.2	170	134	80.2	55.6	29.1	15.5	50.6	1966
1967	9.34	7.25	6.86	6.43	11.0	121	152	137	127	74.9	33.0	18.0	59.0	1967
1968	10.6	8.77	8.02	7.71	---	---	---	---	104	59.2	29.2	17.5	---	1968
1969	11.5	9.52	7.71	6.83	11.8	143	152	104	76.8	56.2	34.1	21.3	53.2	1969
1970	13.8	10.3	8.25	7.30	10.3	48.4	92.9	101	85.5	43.6	27.7	16.3	37.4	1970
1971	10.5	8.85	7.92	6.54	7.58	64.3	180	195	96.2	45.3	22.2	12.8	55.2	1971
1972	8.50	7.08	6.00	5.21	8.26	98.8	183	160	101	48.8	27.2	16.7	54.5	1972
1973	8.80	7.32	6.31	5.88	8.31	40.1	131	124	73.6	38.2	18.9	9.34	38.7	1973
1974	4.92	3.88	4.38	5.85	10.2	57.2	127	146	121	64.5	37.7	23.9	50.9	1974
1975	14.5	8.85	8.18	8.14	12.4	50.1	208	128	109	80.7	35.6	21.2	57.6	1975
1976	13.3	9.82	8.33	7.41	10.7	60.2	173	136	82.2	65.3	37.9	24.5	52.7	1976
1977	15.6	10.8	8.70	8.28	11.3	91.7	181	178	103	61.0	27.6	15.7	59.0	1977
1978	10.7	8.43	6.83	6.41	8.80	76.3	130	127	82.8	45.9	28.0	18.3	46.2	1978
1979	11.1	7.36	6.32	6.19	15.0	74.0	185	164	103	62.6	35.0	20.8	56.3	1979
1980	14.5	10.7	9.74	8.56	11.8	106	150	130	73.1	61.9	36.6	21.1	53.2	1980
1981	14.2	12.3	11.7	11.1	21.5	109	171	156	123	70.5	44.1	25.4	64.5	1981
1982	15.1	10.7	8.58	8.46	8.36	78.0	162	144	95.7	59.6	34.7	21.5	54.6	1982
1983	13.6	11.5	9.85	8.48	14.4	95.8	184	122	75.2	40.0	22.5	13.5	48.5	1983
1984	9.05	7.55	7.05	7.02	10.4	49.1	108	125	78.6	40.3	21.9	14.0	40.0	1984
1985	11.3	9.85	8.18	7.50	9.54	46.6	180	138	77.2	41.3	21.8	14.7	47.3	1985
1986	10.6	7.72	7.42	6.53	8.87	82.3	219	150	77.3	48.7	33.4	21.0	54.9	1986
MEAN	11.3	8.87	7.81	7.16	11.8	80.2	162	140	90.5	53.9	29.9	17.4	51.7	MEAN

LOCATION - LAT 60 36 46 N DRAINAGE AREA, 4 070 km²
LONG 136 07 26 W NATURAL FLOW

YUKON TERRITORY

TAKHINI RIVER AT OUTLET OF KUSAWA LAKE - STATION NO. 09AC004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1952	---	---	---	---	1952
1953	265 AT 02 00 YST ON JUL 4	264 ON JUL 4	5 518 ON APR 25	2 070 000	1953
1954	159 AT 16 00 YST ON AUG 12	156 ON AUG 12	5 808 ON APR 8	1 490 000	1954
1955	---	---	7 628 ON APR 21	---	1955
1956	161 AT 17 00 YST ON JUL 22	159 ON JUL 23	3 628 ON APR 1 *	---	1956
1958	161 AT 14 35 YST ON JUL 10	156 ON JUL 10	---	---	1958
1959	255 AT 14 00 YST ON JUN 29	253 ON JUN 29	7 168 ON APR 11	1 590 000	1959
1960	181 AT 15 00 YST ON AUG 15	180 ON AUG 15	5 418 ON MAR 31	1 580 000	1960
1961	---	---	8 238 ON APR 1	---	1961
1962	---	261E ON JUN 22	7 938 ON APR 1	---	1962
1963	255 AT 18 00 YST ON JUL 17	251 ON JUL 17	---	---	1963
1964	280 AT 06 30 YST ON JUN 21 *	279 ON JUN 21 *	8 358 ON DEC 31	---	1964
1965	189 AT 09 00 YST ON JUL 17	186 ON JUL 18	6 468 ON APR 29	1 380 000	1965
1966	206 AT 17 45 YST ON JUL 26	204 ON JUL 27	8 298 ON MAR 10	1 800 000	1966
1967	234 AT 11 40 YST ON JUN 28	232 ON JUN 28	8 14 ON APR 1	1 880 000	1967
1968	---	---	7 628 ON APR 21	---	1968
1969	243 AT 16 00 YST ON JUN 22	240 ON JUN 22	6 468 ON APR 11	1 680 000	1969
1970	121 AT 17 34 YST ON AUG 5	118 ON AUG 5	7 14 ON APR 6	1 180 000	1970
1971	229 AT 21 30 YST ON AUG 5	227 ON AUG 5	6 09 ON APR 24	1 740 000	1971
1972	181 AT 13 32 YST ON JUL 14	180 ON JUL 14	4 908 ON APR 23	1 730 000	1972
1973	153 AT 19 15 YST ON JUL 29	152 ON JUL 31	5 758 ON APR 14	1 250 000	1973
1974	156 AT 15 30 YST ON AUG 8	154 ON AUG 9	3 748 ON JAN 31	1 610 000	1974
1975	253 AT 16 27 YST ON JUL 15	252 ON JUL 15	7 938 ON APR 6	1 820 000	1975
1976	196 AT 19 48 YST ON JUL 14	194 ON JUL 14	7 08 ON APR 24	1 670 000	1976
1977	208 AT 12 00 YST ON JUL 21	208 ON JUL 21	7 938 ON APR 11	1 880 000	1977
1978	---	147E ON JUL 15	6 14 ON APR 16	1 480 000	1978
1979	202 AT 20 01 YST ON JUL 22	201 ON JUL 12	5 57 ON APR 1	1 770 000	1979
1980	161 AT 15 03 YST ON JUL 27	159 ON JUL 26	8 26 ON APR 16	1 680 000	1980
1981	202 AT 18 12 YST ON JUL 25	201 ON JUL 25	10 5 ON APR 11	2 030 000	1981
1982	177 AT 22 01 YST ON JUL 10	175 ON JUL 10	7 858 ON APR 30	1 720 000	1982
1983	197 AT 18 07 YST ON JUL 8	194 ON JUL 8	8 12 ON APR 21	1 560 000	1983
1984	153 AT 01 30 YST ON AUG 15	152 ON AUG 15	5 81 ON APR 8	1 260 000	1984
1985	218 AT 18 11 YST ON JUL 22	216 ON JUL 22	7 21 ON APR 26	1 490 000	1985
1986	254 AT 22 06 YST ON JUL 23	249 ON JUL 23	5 99 ON APR 26	1 730 000	1986
				1 630 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

TAKHINI RIVER NEAR WHITEHORSE - STATION NO. 09AC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1948	---	---	---	---	---	---	---	193	116	61.5	34.2	17.4	---	1948
1949	16.2	14.5	11.5	13.0	26.7	69.5	193	258	287	128	64.1	31.7	92.4	1949
1950	18.8	15.0	12.2	11.8	19.1	145	180	153	92.8	61.7	23.7	16.1	62.8	1950
1951	8.76	4.77	5.06	13.0	26.8	83.9	141	130	92.0	48.3	23.3	14.8	48.1	1951
1952	9.88	8.29	9.10	8.00	14.8	52.6	174	173	100	67.0	55.0	25.0	60.2	1952
1953	12.7	12.6	12.6	10.3	23.5	147	274	183	121	60.1	32.8	17.6	76.1	1953
1954	12.8	10.7	9.09	9.74	23.8	89.5	148	148	95.1	49.9	29.2	20.6	54.1	1954
1955	15.7	12.5	10.6	10.3	15.2	43.9	204	188	75.6	51.0	26.9	13.8	56.2	1955
1956	9.46	8.02	7.61	12.8	22.8	55.6	141	153	103	56.2	24.3	13.4	50.8	1956
1957	9.45	7.33	8.33	14.2	42.9	170	203	184	128	74.0	32.1	18.8	73.0	1957
1958	15.0	12.8	10.6	10.2	17.8	101	148	127	72.4	38.4	23.0	15.6	49.6	1958
1959	12.5	10.7	10.1	9.98	24.4	149	187	128	75.0	44.6	27.1	19.6	58.2	1959
1960	12.8	11.2	8.35	10.2	22.8	80.9	180	171	91.1	54.9	30.2	19.8	56.3	1960
1961	13.3	11.3	9.91	9.06	24.6	120	239	187	120	62.9	30.0	22.7	72.2	1961
1962	15.9	11.0	11.0	10.5	24.0	180	227	176	119	73.2	---	---	---	1962
1963	---	---	---	---	---	79.9	220	184	145	94.8	48.3	27.2	---	1963
1964	18.1	13.9	13.0	13.1	18.4	205	184	160	105	53.1	22.8	11.9	68.4	1964
1965	11.4	12.4	12.4	10.3	17.6	53.4	159	142	96.6	60.6	33.7	20.4	52.9	1965
1966	12.8	10.8	9.43	10.9	16.4	88.6	184	145	90.7	64.0	31.2	18.0	56.5	1966
1967	12.4	9.76	9.50	9.04	29.4	166	177	151	136	86.7	36.5	20.4	70.6	1967
1968	13.2	11.3	11.5	11.9	34.8	90.8	162	152	131	69.7	30.7	20.2	62.6	1968
1969	15.2	12.9	10.1	9.65	25.0	157	174	129	96.1	58.7	40.6	24.6	63.8	1969
1970	18.1	13.0	11.7	11.4	18.6	54.1	103	114	75.1	48.7	31.1	19.1	43.2	1970
1971	11.6	10.5	10.0	11.8	16.4	88.9	200	215	111	51.3	26.9	16.3	64.7	1971
1972	10.9	9.07	7.65	7.82	20.8	128	177	178	110	52.4	27.0	17.5	62.5	1972
1973	11.6	10.3	8.52	8.71	15.5	53.0	152	142	85.4	44.0	20.1	10.4	47.1	1973
1974	5.89	5.28	6.01	8.08	18.9	75.3	150	184	144	78.8	42.2	26.5	62.5	1974
1975	16.5	12.5	11.1	11.8	18.6	85.9	238	148	140	89.6	38.3	23.6	69.3	1975
1976	16.9	12.8	11.7	11.1	19.4	86.0	197	157	98.4	75.8	43.1	27.7	63.3	1976
1977	18.7	14.8	11.7	12.3	16.4	116	207	192	121	83.6	30.5	17.1	66.9	1977
1978	12.5	10.6	9.56	11.1	18.6	93.5	141	141	96.6	54.1	33.7	19.1	53.7	1978
1979	11.6	8.48	8.03	9.12	28.6	102	222	186	122	73.0	39.8	23.2	66.3	1979
1980	13.4	12.3	10.9	12.7	18.6	122	165	143	87.7	72.7	44.1	21.8	60.5	1980
1981	14.9	12.9	11.9	11.1	36.6	133	177	182	134	82.5	48.7	25.2	71.1	1981
1982	14.7	12.3	11.3	10.7	15.3	113	175	174	113	70.1	37.6	22.6	64.6	1982
1983	17.0	14.4	12.3	11.3	18.5	111	178	133	88.2	50.6	28.5	17.1	57.0	1983
1984	12.1	10.3	9.07	8.52	14.7	51.2	118	138	92.4	50.5	28.3	17.1	48.8	1984
1985	12.4	10.2	9.67	9.15	18.8	66.8	205	153	90.1	50.4	24.2	14.9	55.8	1985
1986	11.8	9.03	8.02	7.95	15.0	83.3	237	168	97.6	68.9	40.3	23.3	64.8	1986
MEAN	13.4	11.1	10.1	10.8	21.6	101	182	162	110	65.1	33.6	19.8	61.4	MEAN

LOCATION - LAT 60 51 06 N, LONG 135 44 21 W
DRAINAGE AREA, 6 990 km^2

TAKHINI RIVER NEAR WHITEHORSE - STATION NO. 09AC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1948	---	---	---	---	1948
1949	---	487 ON SEP 2 *	9.948 ON APR 5	2 910 000	1949
1950	---	261 ON JUN 22	10.8 B ON APR 6	1 980 000	1950
1951	---	181 ON JUL 21	4.338 ON FEB 19 *	1 520 000	1951
1952	---	214 ON JUL 28	8.698 ON APR 14	1 800 000	1952
1953	---	343 ON JUL 4	9.298 ON APR 25	2 400 000	1953
1954	---	158 ON JUL 22	8.508 ON MAR 29	1 710 000	1954
1955	---	238 ON JUL 14	10.2 B ON MAR 31	1 770 000	1955
1956	---	184 ON JUL 28	7.508 ON MAR 11	1 610 000	1956
1957	---	272 ON JUN 28	7.088 ON FEB 16	2 300 000	1957
1958	---	159 ON JUL 11	9.858 ON APR 20	1 570 000	1958
1959	---	268 ON JUN 29	9.638 ON APR 7	1 840 000	1959
1960	---	198 ON AUG 18	7.598 ON APR 1	1 780 000	1960
1961	---	258 ON JUL 3	9.068 ON APR 1	2 280 000	1961
1962	---	297 ON JUN 22	10.5 B ON APR 1	---	1962
1963	---	255 ON JUL 17	---	---	1963
1964	---	281E ON JUN 21	10.6 B ON DEC 31	2 180 000	1964
1965	204 AT 21 00 YST ON JUL 18	203 ON JUL 18	9.038 ON JAN 6	1 670 000	1965
1966	210 AT 14 00 YST ON JUL 30	208 ON JUL 27	8.278 ON MAR 11	1 850 000	1966
1967	248 AT 21 30 YST ON JUN 26	246 ON JUN 26	7.678 ON MAR 31	2 230 000	1967
1968	178 AT 14 30 YST ON JUL 8	176 ON JUL 8	10.9 B ON FEB 3	1 980 000	1968
1969	247 AT 00 30 YST ON JUN 23	246 ON JUN 22	8.018 ON APR 27	2 010 000	1969
1970	---	137E ON AUG 5	10.9 B ON MAR 27	1 360 000	1970
1971	260 AT 11 48 YST ON AUG 5	259 ON AUG 5	9.138 ON FEB 26	2 040 000	1971
1972	200 AT 11 05 YST ON AUG 10	200 ON AUG 10	7.258 ON APR 12	1 970 000	1972
1973	171 AT 12 30 YST ON JUL 27	170 ON JUL 27	7.658 ON DEC 31	1 480 000	1973
1974	228 AT 21 30 YST ON AUG 8	225 ON AUG 7	5.018 ON JAN 29	1 970 000	1974
1975	292 AT 17 09 YST ON JUL 13 *	289 ON JUL 14	10.6 B ON MAR 7	2 180 000	1975
1976	221 AT 11 30 YST ON JUL 14	220 ON JUL 14	10.8 B ON APR 19	2 000 000	1976
1977	246 AT 14 20 YST ON JUL 20	246 ON JUL 20	10.2 B ON MAR 23	2 170 000	1977
1978	158 AT 13 40 YST ON JUL 15	156 ON JUL 15	9.068 ON MAR 30	1 680 000	1978
1979	250 AT 16 50 YST ON JUL 8	249 ON JUL 9	7.768 ON MAR 1	2 150 000	1979
1980	175 AT 06 38 YST ON JUL 26	174 ON JUL 26	10.5 B ON FEB 17	1 910 000	1980
1981	202 AT 06 50 YST ON JUL 27	202A ON JUL 27	10.6 B ON APR 10	2 240 000	1981
1982	207 AT 14 00 YST ON AUG 6	205 ON AUG 6	10.5 B ON MAR 30	2 040 000	1982
1983	207 AT 21 18 YST ON JUL 8	206 ON JUL 8	10.5 B ON APR 23	1 800 000	1983
1984	170 AT 22 06 YST ON AUG 14	169 ON AUG 14	8.308 ON APR 13	1 480 000	1984
1985	230 AT 19 01 YST ON JUL 22	229 ON JUL 22	8.708 ON APR 5	1 780 000	1985
1986	260 AT 05 25 YST ON JUL 24	259 ON JUL 23	7.368 ON MAY 2	2 040 000	1986
				1 940 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

YUKON TERRITORY

YESLIN RIVER NEAR TESLIN - STATION NO. 09AE001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1944	---	---	---	94.7	282	884	598	340	288	---	---	---	---	1944
1945	---	---	---	---	---	---	---	---	---	386	---	---	---	1945
1946	---	---	84.5	76.8	---	---	---	---	---	---	---	---	---	1946
1948	---	---	119	91.5	405	1 080	495	368	414	357	224	135	---	1948
1949	80.3	53.7	83.4	87.0	247	905	969	637	392	301	302	184	353	1949
1950	118	99.3	87.6	86.7	225	535	432	---	---	222	149	104	---	1950
1951	56.2	42.8	53.7	69.0	368	830	570	253	158	123	87.6	49.0	222	1951
1952	44.5	44.2	50.0	63.6	146	779	979	441	410	494	347	138	328	1952
1953	81.2	86.8	91.7	75.9	320	585	455	374	418	349	223	116	265	1953
1954	80.5	75.3	76.0	75.6	254	999	601	352	201	180	143	---	---	1954
1955	---	---	---	82.5	84.6	544	961	481	302	235	139	82.4	---	1955
1956	58.2	41.8	43.5	63.2	203	749	604	337	256	216	112	89.3	231	1956
1957	86.0	77.6	70.6	67.9	400	1 340	807	404	239	187	152	111	330	1957
1958	103	83.0	68.1	63.1	198	587	319	191	184	161	135	77.0	179	1958
1959	84.7	84.2	58.1	63.3	210	929	631	465	411	332	190	118	294	1959
1960	81.4	70.1	71.3	85.1	379	896	799	440	354	317	213	158	323	1960
1961	136	121	104	90.6	318	1 420	911	428	375	330	222	165	386	1961
1962	137	112	90.2	78.8	151	1 240	1 320	527	451	418	248	191	416	1962
1963	189	137	111	99.1	332	930	921	453	292	339	227	159	349	1963
1964	123	98.0	86.9	88.4	113	1 260	877	478	350	291	225	157	346	1964
1965	117	102	96.3	113	197	761	613	347	278	270	212	108	268	1965
1966	70.3	58.4	70.4	68.2	193	774	663	430	366	373	245	161	291	1966
1967	113	79.8	69.1	64.3	238	1 160	777	408	282	284	198	126	318	1967
1968	82.4	70.4	74.9	63.6	208	785	637	423	454	445	222	127	300	1968
1969	98.6	80.2	69.1	62.9	229	824	574	504	687	464	245	153	333	1969
1970	105	88.8	74.8	64.0	197	708	533	374	326	486	289	145	283	1970
1971	95.2	95.6	86.5	64.8	196	900	702	320	255	225	148	100	267	1971
1972	70.8	56.0	61.3	60.5	177	1 280	783	448	328	288	191	130	323	1972
1973	82.3	89.1	71.0	58.0	257	831	780	463	425	282	158	103	302	1973
1974	74.7	66.9	62.4	68.7	201	793	827	602	341	308	264	160	313	1974
1975	88.1	77.2	78.2	68.1	207	694	902	507	359	312	188	117	302	1975
1976	85.1	80.6	73.8	67.8	287	1 010	1 050	535	357	276	196	134	347	1976
1977	116	107	86.4	87.0	288	1 030	817	484	306	286	198	120	329	1977
1978	86.2	76.1	68.4	65.9	179	394	352	232	205	215	195	141	185	1978
1979	103	82.1	85.8	81.9	240	952	1 030	537	282	266	197	127	334	1979
1980	86.5	89.3	83.2	70.0	250	724	503	448	343	448	339	198	296	1980
1981	136	116	95.1	84.5	356	970	678	355	351	368	290	193	333	1981
1982	138	109	87.7	74.3	150	740	562	278	215	199	152	101	234	1982
1983	82.3	66.1	62.3	62.9	210	683	518	333	371	337	208	133	252	1983
1984	106	82.6	86.6	85.3	212	844	622	349	290	242	152	105	245	1984
1985	86.6	88.1	77.6	68.6	159	935	841	457	293	263	160	103	304	1985
1986	86.3	72.8	67.6	62.7	120	804	894	468	339	436	366	185	326	1986
MEAN	94.9	81.4	76.6	73.2	235	874	724	417	331	308	209	132	300	MEAN

LOCATION - LAT 60 29 04 N
LONG 132 18 07 W

DRAINAGE AREA, 30 300 km²
NATURAL FLOW

TESLIN RIVER NEAR TESLIN - STATION NO. 09AE001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1944	---	974 ON JUN 15	90.6 ON APR 15	---	1944
1945	---	---	---	---	1945
1946	---	---	69.1 ON APR 17	---	1946
1948	---	1 370 ON JUN 4	75.38 ON DEC 31	---	1948
1949	---	1 130 ON JUN 27	48.78 ON FEB 19	11 100 000	1949
1950	---	651 ON JUN 21	70.68 ON DEC 31	---	1950
1951	---	963 ON JUN 15	41.68 ON FEB 13	7 020 000	1951
1952	---	1 230 ON JUL 4	43.98 ON FEB 1	10 400 000	1952
1953	---	691 ON JUN 2	72.5 ON APR 25	8 370 000	1953
1954	---	1 130 ON JUN 13	68.5E ON MAY 4	---	1954
1955	---	1 150 ON JUL 7	56.68 ON APR 27	---	1955
1956	---	810 ON JUN 21	38.28 ON FEB 24 *	7 320 000	1956
1957	---	1 490 ON JUN 13	66.3 ON APR 23	10 400 000	1957
1958	---	691 ON JUN 11	61.28 ON APR 18	5 650 000	1958
1959	---	1 070 ON JUN 18	53.58 ON JAN 13	9 260 000	1959
1960	---	1 090 ON JUN 29	67.48 ON MAR 13	10 200 000	1960
1961	---	1 660 ON JUN 15	86.4 ON APR 25	12 200 000	1961
1962	---	1 840 ON JUN 27 *	73.6 ON APR 24	13 100 000	1962
1963	---	1 040 ON JUN 26	94.3 ON APR 28	11 000 000	1963
1964	---	1 710 ON JUN 18	85.0B ON MAR 20	10 900 000	1964
1965	---	875 ON JUN 14	79.98 ON DEC 31	8 460 000	1965
1966	---	985 ON JUN 22	64.0B ON MAY 5	9 190 000	1966
1967	---	1 320 ON JUN 23	63.18 ON APR 13	10 000 000	1967
1968	---	864 ON JUN 17	60.3 ON APR 20	9 490 000	1968
1969	---	934 ON JUN 19	58.2 ON APR 14	10 500 000	1969
1970	---	799 ON JUN 13	62.3 ON APR 17	8 940 000	1970
1971	---	1 160 ON JUN 26	60.0 ON APR 22	8 400 000	1971
1972	---	1 510 ON JUN 20	49.0B ON FEB 29	10 200 000	1972
1973	---	1 060 ON JUN 24	54.1 ON APR 10	9 510 000	1973
1974	---	900 ON JUL 3	46.2 ON APR 11	9 870 000	1974
1975	---	1 040 ON JUL 7	56.9 ON APR 19	9 540 000	1975
1976	---	1 290 ON JUL 3	65.1B ON APR 20	11 000 000	1976
1977	1 230 AT 18 36 YST ON JUN 20 *	1 230 ON JUN 20	80.4B ON MAR 23	10 400 000	1977
1978	459 AT 06 39 YST ON JUN 30	456 ON JUL 1	62.3 ON APR 19	5 820 000	1978
1979	1 190 AT 11 13 YST ON JUL 9	1 180 ON JUL 9	77.3 ON APR 21	10 500 000	1979
1980	813 AT 18 50 YST ON JUN 14	810 ON JUN 13	62.3B ON MAR 3	9 350 000	1980
1981	1 050 AT 17 26 YST ON JUN 6	1 030 ON JUN 5	79.0E ON APR 30	10 500 000	1981
1982	912 AT 14 23 YST ON JUN 17	904 ON JUN 17	89.8 ON APR 30	7 390 000	1982
1983	771 AT 17 03 YST ON JUN 13	760 ON JUN 11	50.0B ON MAR 23	7 980 000	1983
1984	833 AT 17 56 YST ON JUN 29	829 ON JUN 29	60.2B ON APR 10	7 760 000	1984
1985	1 190 AT 10 10 YST ON JUN 11	1 180 ON JUN 10	63.2 ON MAY 4	9 800 000	1985
1986	1 050 AT 23 22 PST ON JUL 8	1 050 ON JUL 8	60.0B ON APR 30	10 300 000	1986
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		9 470 000	MEAN

TESLIN RIVER NEAR WHITEHORSE - STATION NO. 09AF001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1955	---	---	---	---	---	---	---	---	---	257	158	100	---	1955
1956	88.9	55.3	52.8	88.1	212	771	834	357	274	227	117	93.0	245	1956
1957	88.6	80.4	73.0	71.0	611	1 340	850	437	255	199	---	---	---	1957
1958	---	88.1	72.8	85.6	205	812	336	203	173	163	138	86.6	---	1958
1959	86.8	86.1	88.3	70.6	232	945	870	493	436	349	197	123	311	1959
1960	88.4	77.4	80.6	---	---	904	848	487	400	---	---	---	---	1960
1961	---	---	115	104	350	1 410	993	498	432	396	---	---	---	1961
1962	---	---	---	---	---	1 300	1 400	627	529	502	319	237	---	1962
1963	200	154	125	114	387	1 030	1 050	564	375	428	283	170	409	1963
1964	128	104	91.8	95.5	140	1 290	989	545	387	310	237	186	373	1964
1965	122	105	99.0	119	206	831	691	375	292	272	206	104	286	1965
1966	89.6	89.1	89.2	89.6	200	848	737	485	408	420	287	178	321	1966
1967	120	89.6	81.7	94.8	313	1 230	869	466	335	333	235	146	360	1967
1968	89.2	84.7	86.0	92.6	281	838	894	475	495	495	261	138	337	1968
1969	105	89.2	80.0	74.6	261	898	643	559	730	511	275	168	367	1969
1970	119	108	99.1	94.2	223	768	589	425	363	509	320	155	315	1970
1971	95.2	87.6	83.1	89.3	204	957	779	369	284	280	189	116	282	1971
1972	71.6	57.6	65.3	73.0	221	1 350	879	512	371	314	207	137	355	1972
1973	101	100	83.6	79.9	291	892	869	521	479	322	176	112	337	1973
MEAN	102	88.5	84.5	84.8	259	1 010	807	467	390	348	225	139	331	MEAN

LOCATION - LAT 61 29 21 N, LONG 134 46 35 W
DRAINAGE AREA, 38 500 km^2
NATURAL FLOW

TESLIN RIVER NEAR WHITEHORSE - STATION NO. 09AF001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1955	---	---	---	---	1955
1956	852 AT 10:00 YST ON JUN 20	844 ON JUN 20	51.0B ON FEB 24	7 740 000	1956
1957	1 480 AT 13:30 YST ON JUN 13	1 470 ON JUN 13	69.1E ON APR 23	---	1957
1958	708 AT 10:30 YST ON JUN 12	708 ON JUN 12	65.1B ON MAR 26	---	1958
1959	1 080 AT 18:00 YST ON JUN 20	1 070 ON JUN 19	64.8B ON JAN 20	9 790 000	1959
1960	1 100 AT 20:15 YST ON JUN 29	1 090 ON JUN 29	---	---	1960
1961	1 620 AT 11:00 YST ON JUN 18	1 610 ON JUN 17	104 B ON MAR 16	---	1961
1962	1 880 AT 12:15 YST ON JUN 28 *	1 850 ON JUN 28 *	---	---	1962
1963	1 180 AT 20:15 YST ON JUL 12	1 160 ON JUN 27	110 B ON APR 25	12 900 000	1963
1964	1 720 AT 12:00 YST ON JUN 20	1 720 ON JUN 20	88.3B ON MAR 24	11 800 000	1964
1965	854 AT 12:30 YST ON JUN 17	849 ON JUN 17	76.5B ON DEC 31	9 000 000	1965
1966	1 080 AT 12:30 YST ON JUN 20	1 060 ON JUN 20	66.5B ON APR 29	10 100 000	1966
1967	1 450 AT 02:30 YST ON JUN 23	1 430 ON JUN 23	79.6B ON MAR 24	11 400 000	1967
1968	823 AT 16:00 YST ON JUN 19	815 ON JUN 19	70.8B ON FEB 3	10 700 000	1968
1969	1 010 AT 12:30 YST ON JUN 16	1 010 ON JUN 16	70.5B ON APR 13	11 600 000	1969
1970	---	855A ON JUN 15	92.3B ON APR 19	9 940 000	1970
1971	1 220 AT 15:05 YST ON JUN 24	1 210 ON JUN 25	64.0B ON APR 21	9 210 000	1971
1972	1 550 AT 11:06 YST ON JUN 21	1 540 ON JUN 21	50.4B ON MAR 1 *	11 200 000	1972
1973	1 120 AT 12:51 YST ON JUN 25	1 120 ON JUN 25	73.3B ON APR 8	10 600 000	1973
				10 500 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

TOM CREEK AT KILOMETRE 34.9 ROBERT CAMPBELL HIGHWAY - STATION NO. 10AA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	---	---	2.79	3.49	2.27	1.25	---	1974
1975	0.792	0.598	0.513	0.851	11.0	6.38	6.54	3.54	2.64	1.94	1.20	0.783	3.09	1975
1976	0.653	0.511	0.469	1.22	21.3	15.5	13.4	4.39	3.03	1.81	1.11	0.673	5.36	1976
1977	0.619	0.582	0.539	1.17	11.0	11.4	5.04	3.40	2.76	2.21	0.951	0.375	3.35	1977
1978	0.253	0.203	0.172	0.541	3.11	1.95	2.23	1.98	2.02	2.36	1.77	1.47	1.52	1978
1979	0.669	0.373	0.361	0.447	10.4	10.9	10.8	3.17	2.18	1.90	1.17	0.575	3.60	1979
1980	0.300	0.323	0.284	0.871	6.80	4.35	2.74	2.09	2.72	4.90	1.85	1.07	2.37	1980
1981	0.813	0.756	0.728	0.804	10.6	7.37	3.31	1.55	3.12	2.28	0.978	0.329	2.74	1981
1982	0.201	0.186	0.148	0.151	6.36	5.39	2.25	1.61	1.92	1.25	0.578	0.428	1.71	1982
1983	0.269	0.174	0.160	0.614	5.37	3.97	2.06	1.70	2.69	1.86	0.949	0.558	1.71	1983
1984	0.391	0.352	0.326	1.02	6.32	8.54	3.00	1.74	1.93	1.70	0.959	0.596	2.24	1984
1985	0.475	0.432	0.418	0.453	6.86	7.69	3.15	1.62	1.88	1.75	0.820	0.438	2.17	1985
1986	0.388	0.513	0.577	0.662	7.79	7.67	10.4	3.10	2.13	3.21	1.64	0.892	3.27	1986
MEAN	0.495	0.417	0.391	0.734	8.91	7.59	5.41	2.49	2.45	2.36	1.25	0.726	2.76	MEAN

LOCATION - LAT 60 17 28 N LONG 129 01 14 W
DRAINAGE AREA, 435 km^2
NATURAL FLOW

TOM CREEK AT KILOMETRE 34.9 ROBERT CAMPBELL HIGHWAY - STATION NO. 10AA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	---	19.3 E ON MAY 9	0.467B ON MAR 26	97 300	1975
1976	30.9 AT 01:44 YST ON JUL 4 *	30.6 B ON MAY 3 *	0.453B ON MAR 15	170 000	1976
1977	25.6 AT 06:05 YST ON MAY 26	25.3 ON MAY 26	0.283B ON DEC 31	108 000	1977
1978	---	5.32B ON MAY 14	0.167B ON MAR 24	47 800	1978
1979	---	24.6 E ON MAY 27	0.309B ON FEB 22	114 000	1979
1980	11.3 AT 07:00 YST ON MAY 15	10.8 ON MAY 14	0.266B ON MAR 15	74 900	1980
1981	16.9 AT 00:45 YST ON MAY 13	15.7 ON MAY 13	0.195B ON DEC 31	85 500	1981
1982	23.0 AT 04:57 YST ON MAY 19	20.8 ON MAY 19	0.134B ON APR 2 *	54 100	1982
1983	---	7.10E ON MAY 11	0.148B ON MAR 7	53 800	1983
1984	23.7 AT 01:14 YST ON JUN 9	20.7 ON JUN 9	0.310B ON MAR 18	70 800	1984
1985	18.3 AT 07:53 YST ON MAY 28	17.4 ON MAY 28	0.387B ON APR 5	88 500	1985
1986	22.6 AT 14:59 YST ON JUL 3	21.9 ON JUL 3	0.358B ON JAN 11	103 000	1986
				87 200	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WATSON RIVER NEAR CARCROSS - STATION NO. 09AA009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1955	---	---	---	---	---	---	12.3	7.60	4.14	2.44	1.09	0.712	---	1955
1956	0.538	0.394	0.300	1.07	8.69	7.80	10.4	5.70	5.04	4.10	2.85	1.31	4.04	1956
1957	0.704	0.601	0.597	0.692	7.41	15.4	12.8	11.0	7.83	4.98	3.30	2.08	5.85	1957
1958	1.50	1.35	---	---	---	7.66	3.66	3.38	1.39	---	1.82	1.24	---	1958
1959	1.02	0.955	0.891	1.08	---	18.2	9.33	6.36	4.59	3.11	1.95	1.92	---	1959
1960	1.68	1.37	1.26	---	---	11.9	10.7	7.42	3.95	1.93	1.93	1.70	---	1960
1961	1.52	1.36	1.36	1.36	2.98	9.86	---	---	---	---	---	---	---	1961
1966	---	---	---	---	---	12.5	11.8	6.97	5.41	5.05	2.88	2.04	---	1966
1967	1.68	1.47	1.35	1.63	7.54	19.1	10.8	7.10	7.68	5.24	2.51	1.83	5.67	1967
1968	1.80	1.58	1.53	1.91	8.40	9.68	12.7	8.86	11.1	6.89	2.91	1.90	5.78	1968
1969	1.68	1.61	1.54	2.24	6.31	15.4	8.04	9.15	9.45	6.21	3.06	2.19	5.58	1969
1970	1.88	1.87	1.92	2.29	5.11	7.59	8.31	6.15	5.90	4.41	2.94	1.61	4.18	1970
1971	1.36	1.13	1.14	1.34	2.80	16.0	11.3	9.78	5.84	4.00	1.83	1.50	4.88	1971
1972	1.31	1.12	1.02	1.30	5.81	15.9	9.63	11.3	6.86	4.82	3.03	2.15	5.34	1972
1973	1.75	1.63	1.52	2.04	4.73	9.92	14.2	7.93	5.97	4.24	1.94	1.80	4.81	1973
MEAN	1.42	1.26	1.21	1.54	5.98	12.6	10.4	7.76	6.07	4.42	2.45	1.70	5.10	MEAN

LOCATION - LAT 60 13 00 N DRAINAGE AREA, 1 150 km²
LONG 134 43 50 W NATURAL FLOW

WATSON RIVER NEAR CARCROSS - STATION NO. 09AA009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1955	---	---	---	---	1955
1956	---	18.6 ON MAY 13	0.2838 ON APR 1 *	128 000	1956
1957	---	23.3 ON JUN 8	0.5868 ON JAN 30	178 000	1957
1958	---	12.5 ON JUN 4	---	---	1958
1959	---	31.7 ON JUN 17	0.9438 ON FEB 24	---	1959
1960	---	24.0 ON JUN 28	1.22 B ON MAR 14	---	1960
1961	---	11.6E ON JUN 12	1.36 B ON JAN 15	---	1961
1966	22.0 AT 22 00 YST ON JUL 20	19.3 ON JUN 12	---	---	1966
1967	27.7 AT 14 00 YST ON JUN 20	26.0 ON JUN 20	1.29 B ON APR 4	179 000	1967
1968	48.0 AT 08 45 YST ON MAY 24 *	42.8 ON MAY 24	1.48 B ON FEB 28	183 000	1968
1969	30.6 AT 14 30 YST ON JUN 12	27.9 ON JUN 12	1.51 B ON MAR 8	176 000	1969
1970	12.7 AT 19 29 YST ON JUL 28	11.3 ON JUL 6	1.49 B ON DEC 27	132 000	1970
1971	45.9 AT 13 42 YST ON JUN 26	43.9 ON JUN 26 *	1.07 B ON FEB 26	153 000	1971
1972	37.4 AT 14 52 YST ON JUN 15	34.3 ON JUN 15	0.9688 ON MAR 12	189 000	1972
1973	28.6 AT 14 00 YST ON JUL 10	26.9 ON JUL 10	1.33 B ON DEC 2	152 000	1973
				161 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

WHEATON RIVER NEAR CARCROSS - STATION NO. 09AA012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1956	---	---	---	---	---	---	---	13.1	8.89	3.40	---	---	---	1956
1957	---	---	---	---	---	---	17.8	14.4	7.38	---	1.81	1.87	---	1957
1958	1.58	1.52	1.53	1.57	5.32	18.9	12.2	8.61	5.02	---	---	---	---	1958
1959	---	1.32	1.27	1.25	---	---	17.7	10.1	5.43	3.32	1.73	1.74	---	1959
1960	1.52	1.32	1.28	---	---	---	22.2	13.9	8.99	4.23	2.83	2.10	---	1960
1961	2.10	1.53	1.53	1.53	12.3	34.0	25.8	15.7	8.60	---	---	---	---	1961
1962	---	---	---	---	---	---	24.4	18.3	11.6	---	---	---	---	1962
1963	---	---	---	---	---	---	31.6	16.1	---	9.31	---	---	---	1963
1964	---	---	---	---	---	---	23.5	17.2	---	---	---	---	---	1964
1965	---	---	---	---	---	---	25.1	---	---	4.15	2.46	1.55	---	1965
1966	1.28	1.20	1.15	1.29	5.11	27.5	15.8	9.97	7.43	5.54	2.99	2.14	6.78	1966
1967	1.78	1.51	1.38	1.48	5.47	34.2	16.9	11.5	13.7	6.59	3.80	2.39	8.39	1967
1968	1.90	1.46	1.22	1.58	12.0	20.0	22.3	14.8	14.0	7.33	2.52	1.73	8.41	1968
1969	1.51	1.46	1.46	1.84	7.73	35.5	15.5	12.4	12.7	7.58	2.93	2.28	8.57	1969
1970	1.98	1.87	1.76	1.68	3.28	12.1	17.5	10.4	7.52	4.54	2.38	1.57	5.58	1970
1971	1.37	1.27	1.36	1.59	3.07	27.1	23.6	17.4	8.60	5.15	3.08	2.41	8.04	1971
1972	1.84	1.33	0.879	0.973	4.98	20.7	17.2	16.0	8.05	4.75	2.71	1.99	6.81	1972
1973	1.67	1.52	1.42	1.55	3.55	17.9	26.5	12.1	6.59	4.04	2.20	1.58	6.78	1973
1974	1.34	1.27	1.22	1.34	4.46	17.2	24.3	19.9	---	5.51	3.87	2.82	---	1974
1975	2.05	1.43	1.23	1.50	4.30	17.8	28.4	13.5	13.4	7.51	3.07	2.22	8.17	1975
1976	2.15	1.68	1.44	2.08	4.32	25.3	27.1	19.7	9.07	5.30	3.08	2.41	8.68	1976
1977	2.11	1.80	1.41	1.55	---	---	---	18.6	8.54	5.68	2.74	1.42	---	1977
1978	1.32	1.25	1.38	1.89	5.98	23.7	15.2	9.14	5.89	4.61	2.67	1.55	6.31	1978
1979	1.20	0.984	1.15	1.58	5.41	21.9	27.2	12.0	9.89	5.78	4.03	2.67	7.85	1979
1980	2.15	1.97	1.46	1.89	4.63	31.9	---	---	---	---	4.13	2.25	---	1980
1981	1.88	1.86	1.85	1.91	18.1	35.4	36.6	18.3	14.2	9.25	5.10	4.07	12.4	1981
1982	2.60	1.93	1.68	1.86	4.68	32.4	19.8	12.2	9.14	6.21	4.34	2.96	8.31	1982
1983	2.02	1.60	1.38	1.45	5.01	19.8	15.4	8.80	6.03	4.28	3.07	2.11	5.94	1983
1984	1.58	1.40	1.45	1.44	3.70	25.6	15.3	17.7	10.8	5.40	3.50	3.08	7.59	1984
1985	2.22	1.23	1.17	1.32	4.44	13.2	22.6	11.7	6.98	4.00	1.94	1.46	6.06	1985
1986	1.20	0.873	0.875	0.778	3.51	25.0	40.5	14.0	9.48	9.22	4.50	2.60	9.43	1986
MEAN	1.78	1.46	1.35	1.53	5.88	24.4	22.5	14.0	9.11	5.71	3.14	2.19	7.78	MEAN

LOCATION - LAT 60 08 05 N DRAINAGE AREA, 875 km²
LONG 134 53 45 W NATURAL FLOW

WHEATON RIVER NEAR CARCROSS - STATION NO. 09AA012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1956	---	---	---	---	1956
1957	---	---	---	---	1957
1958	32.6 AT 09:05 YST ON JUN 8	29.7 ON JUN 8	1.50 B ON FEB 21	---	1958
1959	44.2 AT 10:00 YST ON JUN 26	41.9 ON JUN 26	1.18 B ON APR 7	---	1959
1960	49.8 AT 11:15 YST ON JUN 27	48.1 ON JUN 27	1.26 B ON MAR 3	---	1960
1961	42.2 AT 08:30 YST ON JUL 2	40.5E ON JUN 8	1.53 B ON FEB 1	---	1961
1962	39.1 AT 08:30 YST ON JUL 7	37.7 ON JUL 7	---	---	1962
1963	51.8 AT 16:00 YST ON JUL 6	50.4 ON JUL 6	---	---	1963
1964	---	48.5E ON JUN 10	---	---	1964
1965	40.8 AT 08:00 YST ON JUL 2	38.5 ON JUL 2	---	---	1965
1966	48.1 AT 07:30 YST ON JUN 11	46.2 ON JUN 11	0.985B ON APR 6	214 000	1966
1967	55.5 AT 08:30 YST ON JUN 19	53.0 ON JUN 21	1.30 B ON APR 15	265 000	1967
1968	54.3 AT 20:30 YST ON MAY 22	49.6 ON MAY 23	1.19 B ON MAR 19	265 000	1968
1969	56.3 AT 14:00 YST ON JUN 15	55.1 ON JUN 15	1.42 B ON MAR 6	270 000	1969
1970	28.7 AT 13:14 YST ON JUL 27	28.1 ON JUL 27	1.47 B ON DEC 30	176 000	1970
1971	58.8 AT 03:00 YST ON JUN 25	56.5 ON JUN 25	1.17 B ON FEB 26	253 000	1971
1972	54.7 AT 09:21 YST ON JUN 14	50.4 ON JUN 14	0.928B ON MAR 16	215 000	1972
1973	53.0 AT 14:30 YST ON JUL 8	47.6 ON JUL 9	1.35 B ON MAR 20	213 000	1973
1974	45.0 AT 12:00 YST ON JUL 1	41.6 ON JUL 1	1.18 B ON FEB 26	---	1974
1975	58.6 AT 14:55 YST ON JUL 1	57.6 ON JUL 1	1.16 B ON MAR 16	258 000	1975
1976	62.3 AT 12:35 YST ON JUN 27	58.3 ON JUN 27	1.30 B ON FEB 29	274 000	1976
1977	---	---	1.23 B ON DEC 9	---	1977
1978	56.1 AT 08:45 YST ON JUN 18	49.0 ON JUN 18	1.19 B ON MAR 1	199 000	1978
1979	68.0 AT 01:57 YST ON JUL 5	63.9 ON JUL 5	0.912B ON FEB 12	247 000	1979
1980	103 AT 12:25 YST ON JUN 7 *	91.5 ON JUN 8 *	1.23 B ON MAR 22	---	1980
1981	56.8 AT 22:54 YST ON JUL 17	54.9 ON JUL 18	1.70 B ON APR 15	390 000	1981
1982	58.8 AT 10:03 YST ON JUN 12	54.6 ON JUN 12	1.57 B ON APR 1	262 000	1982
1983	44.7 AT 05:58 YST ON JUN 1	37.2 ON JUN 1	1.28 B ON MAR 23	187 000	1983
1984	59.9 ON JUN 14	55.0E ON JUN 14	1.30 B ON APR 14	240 000	1984
1985	45.0 AT 08:10 YST ON JUN 5	40.6 ON JUN 5	1.08 B ON MAR 14	191 000	1985
1986	78.1 AT 14:53 YST ON JUL 5	72.9 ON JUL 6	0.630B ON MAR 18 *	298 000	1986
				245 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WHITE RIVER AT KILOMETRE 1881.6 ALASKA HIGHWAY - STATION NO. 09CB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	---	---	---	45.8	19.8	15.1	---	1974
1975	15.4	14.4	14.4	15.1	52.1	202	416	248	115	38.8	18.0	15.0	88.1	1975
1976	17.0	17.2	15.2	15.6	63.9	270	457	408	82.6	36.1	19.5	14.8	130	1976
1977	14.0	14.5	15.0	18.6	63.5	303	358	459	85.6	36.1	22.3	17.2	118	1977
1978	15.5	14.7	14.6	15.5	80.9	200	398	401	168	22.7	14.1	16.6	113	1978
1979	13.3	14.3	16.6	24.4	71.6	225	469	484	142	36.6	24.8	14.8	131	1979
1980	12.6	15.5	15.6	19.4	46.5	257	462	---	---	50.2	25.1	13.4	---	1980
1981	13.0	11.6	10.8	10.9	70.3	196	369	259	89.6	43.8	22.2	14.0	93.3	1981
1982	12.6	11.9	12.2	13.8	47.3	223	409	378	126	41.9	18.7	14.2	110	1982
1983	12.4	11.7	13.3	15.2	52.6	371	530	329	81.8	36.1	24.7	18.4	126	1983
1984	13.9	12.4	12.2	19.8	84.9	141	276	283	95.9	33.4	19.1	13.6	79.3	1984
1985	13.0	12.5	14.6	17.4	---	180	311	---	---	35.3	16.0	13.2	---	1985
1986	12.9	11.7	10.7	10.0	33.4	197	549	---	---	---	12.8	10.8	---	1986
MEAN	13.6	13.5	14.0	16.3	57.0	229	428	361	105	38.1	19.7	15.1	110	MEAN

LOCATION - LAT 61 58 41 N
LONG 140 33 10 W
DRAINAGE AREA, 6 240 km^2
NATURAL FLOW

WHITE RIVER AT KILOMETRE 1881.6 ALASKA HIGHWAY - STATION NO. 09CB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	929 AT 19:38 YST ON JUL 13	801 ON JUL 13	14.0 B ON FEB 2	3 100 000	1975
1976	1 130 AT 04:07 YST ON AUG 2 *	963 ON AUG 2	13.5 B ON DEC 26	3 760 000	1976
1977	888 AT 02:30 YST ON AUG 22	597 ON AUG 23	13.6 B ON JAN 2	3 730 000	1977
1978	850 AT 00:20 YST ON AUG 6	735 ON AUG 6	11.9 B ON NOV 15	3 560 000	1978
1979	806 AT 22:50 YST ON AUG 1	721 ON AUG 2	11.5 B ON DEC 14	4 140 000	1979
1980	---	---	10.6 B ON JAN 12	---	1980
1981	934 AT 20:35 YST ON AUG 8	743 ON AUG 10	10.1 B ON MAR 24	2 940 000	1981
1982	915 AT 07:40 YST ON JUL 30	806 ON JUL 30	10.8 B ON FEB 15	3 480 000	1982
1983	977 AT 05:15 YST ON JUL 6	888 ON JUL 6	10.5 B ON FEB 16	3 980 000	1983
1984	488 AT 05:00 YST ON AUG 7	482 ON AUG 7	12.1 B ON MAR 6	2 510 000	1984
1985	544 AT 00:38 YST ON JUL 13	477 ON JUL 12	12.2 B ON FEB 8	---	1985
1986	---	1 440E ON JUL 3 *	9.80B ON APR 23 *	---	1986
				3 470 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WHITESTONE RIVER NEAR THE MOUTH - STATION NO. 09FA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	1.79	1.35	1.48	1.84	189	47.7	169	104	93.3	21.1	11.9	5.83	54.6	1979
1980	3.25	2.33	2.19	2.69	155	76.1	24.5	121	41.0	9.73	5.47	3.99	37.5	1980
1981	3.21	2.55	2.30	2.47	106	44.8	172	31.3	21.9	13.8	7.23	4.13	34.7	1981
1982	1.88	0.950	1.27	1.94	253	201	50.8	48.7	40.7	11.4	3.94	2.40	51.9	1982
1983	2.04	2.01	2.05	8.36	128	127	21.2	25.4	25.1	11.0	4.76	3.39	30.1	1983
1984	1.22	1.15	1.59	2.11	101	---	---	---	56.7	8.70	4.27	3.82	---	1984
1985	3.61	2.84	2.08	2.03	199	---	---	---	82.5	17.7	4.79	2.16	---	1985
1986	1.94	1.89	1.82	1.86	8.89	60.7	25.0	36.9	27.2	6.38	2.46	2.03	14.5	1986
MEAN	2.36	1.86	1.85	2.89	142	92.9	77.0	61.2	47.8	12.5	5.81	3.35	37.2	MEAN

LOCATION - LAT 65 25 36 N DRAINAGE AREA, 6 720 km²
LONG 138 24 10 W NATURAL FLOW

WHITESTONE RIVER NEAR THE MOUTH - STATION NO. 09FA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1979	---	581E ON MAY 17	1.27 B ON FEB 11	1 720 000	1979
1980	---	900E ON MAY 15	2.06 B ON MAR 12	1 180 000	1980
1981	894 AT 02 11 YST ON JUL 21	715 ON JUL 20	2.17 B ON MAR 28	1 100 000	1981
1982	1 070 AT 16 25 YST ON MAR 27 *	1 030 ON MAY 27 *	0.780E ON FEB 21 *	1 660 000	1982
1983	587 AT 21 41 YST ON MAY 28	547 ON MAY 25	1.61 B ON DEC 31	949 000	1983
1984	---	---	1.05 B ON JAN 28	---	1984
1985	692 AT 22 50 YST ON MAY 23	649 ON MAY 23	1.51 B ON APR 4	---	1985
1986	161 AT 03:55 YST ON JUN 13	145 ON JUN 12	1.80 B ON MAR 20	458 000	1986
				1 180 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

YUKON RIVER ABOVE FRANK CREEK - STATION NO. 09AB009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	358	741	808	739	536	347	134	---	1953
1954	93.7	102	97.4	88.9	124	392	810	647	581	---	---	---	---	1954
1955	---	---	---	---	---	---	---	858	509	328	205	138	---	1955
1956	95.2	84.0	74.7	91.1	112	238	421	578	576	446	281	139	254	1956
1957	129	106	90.0	81.3	176	513	785	718	588	561	367	190	378	1957
1958	195	153	126	105	120	329	647	800	526	358	188	153	284	1958
1959	112	115	101	90.3	117	345	710	863	547	380	195	133	294	1959
1960	130	124	116	---	---	389	---	---	622	478	330	208	---	1960
1961	152	119	102	102	126	397	690	788	757	584	358	204	356	1961
1962	190	166	125	110	123	342	687	725	588	580	414	302	370	1962
1963	210	184	164	120	157	333	624	716	718	641	432	282	384	1963
1964	238	187	150	133	138	384	690	729	850	480	325	181	397	1964
1965	142	126	115	110	110	207	417	581	542	465	353	224	284	1965
1966	139	119	117	116	119	223	489	628	576	489	360	217	300	1966
1967	163	131	104	107	150	380	587	624	634	596	422	286	350	1967
1968	212	160	115	119	185	281	901	635	625	529	379	259	330	1968
1969	161	117	102	111	141	344	851	634	659	480	326	268	324	1969
1970	220	188	165	147	177	232	386	468	434	343	228	186	264	1970
1971	184	152	148	149	182	213	533	776	708	476	280	180	325	1971
1972	140	137	140	143	157	320	536	857	640	425	232	176	308	1972
1973	165	161	150	156	176	210	422	556	465	281	192	155	259	1973
1974	130	131	124	130	145	227	389	582	624	520	345	243	301	1974
1975	188	182	176	180	187	231	569	897	635	568	373	197	343	1975
1976	181	171	162	165	225	384	573	662	536	405	289	217	323	1976
1977	180	165	163	215	208	312	612	766	717	490	276	204	381	1977
1978	183	171	154	153	224	287	455	654	604	361	288	176	293	1978
1979	181	160	160	164	198	271	589	736	704	572	283	204	352	1979
1980	186	173	169	172	189	336	570	648	647	440	275	195	334	1980
1981	187	162	163	176	237	427	649	747	748	656	407	212	388	1981
1982	178	175	159	161	183	304	576	673	633	465	283	168	331	1982
1983	187	177	168	162	176	305	551	598	519	307	230	165	298	1983
1984	178	170	160	162	171	323	580	681	677	381	208	194	357	1984
1985	174	154	165	150	172	246	504	658	605	332	212	187	289	1985
1986	165	152	149	160	184	276	634	769	627	408	314	236	341	1986
MEAN	166	148	137	135	163	310	585	680	605	441	296	201	331	MEAN

LOCATION - LAT 61 35 04 N DRAINAGE AREA, 30 800 km²
LONG 135 11 18 W NATURAL FLOW

YUKON RIVER ABOVE FRANK CREEK - STATION NO. 09AB009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1953	824 AT 02:00 YST ON AUG 15	821 ON AUG 14	---	---	1953
1954	840 AT 12:00 YST ON AUG 20	840 ON AUG 20	87.68 ON JAN 1	---	1954
1955	---	899 ON AUG 12	---	---	1955
1956	603 AT 16:00 YST ON SEP 3	603 ON SEP 3	70.88 ON MAR 28 *	8 040 000	1956
1957	801 AT 18:00 YST ON JUL 6	788 ON JUL 5	78.38 ON APR 14	11 800 000	1957
1958	612 AT 19:00 YST ON AUG 15	606 ON AUG 19	103 B ON APR 15	6 980 000	1958
1959	720 AT 18:00 YST ON JUL 16	726 ON JUL 14	89.58 ON APR 14	9 280 000	1959
1960	---	7224 ON AUG 24	---	---	1960
1961	827 AT 11:30 YST ON AUG 28 *	824 ON AUG 29 *	102 B ON FEB 15	11 200 000	1961
1962	738 AT 17:00 YST ON AUG 8	736 ON AUG 8	109 B ON MAY 1	11 700 000	1962
1963	739 AT 14:00 YST ON AUG 26	726 ON AUG 26	120 B ON APR 1	12 100 000	1963
1964	760 AT 15:00 YST ON AUG 13	760 ON AUG 13	127 B ON MAY 1	11 300 000	1964
1965	595 AT 11:40 YST ON AUG 16	592 ON AUG 15	102 B ON MAY 15	8 950 000	1965
1966	646 AT 18:00 YST ON AUG 9	643 ON AUG 9	113 B ON MAR 11	9 450 000	1966
1967	688 AT 18:00 YST ON SEP 28	682 ON SEP 28	102 B ON MAR 20	11 000 000	1967
1968	660 AT 01:15 YST ON AUG 21	657 ON AUG 21	110 B ON MAR 24	10 400 000	1968
1969	674 AT 18:00 YST ON JUL 20	668 ON JUL 19	100 B ON MAR 24	10 300 000	1969
1970	693 AT 12:23 YST ON AUG 21	690 ON AUG 19	142 E ON APR 19	8 300 000	1970
1971	821 AT 23:45 YST ON AUG 22	818 ON AUG 22	142 B ON MAR 8	10 200 000	1971
1972	694 AT 16:13 YST ON AUG 30	691 ON AUG 27	134 B ON FEB 17	9 780 000	1972
1973	689 AT 19:00 YST ON AUG 11	686 ON AUG 11	147 B ON MAR 21	8 170 000	1973
1974	646 AT 20:00 YST ON SEP 12	643 ON SEP 7	131 B ON MAR 21	9 490 000	1974
1975	765 ON AUG 1	765A ON AUG 1	175 B ON MAR 15	10 800 000	1975
1976	863 AT 19:16 YST ON AUG 18	860 ON AUG 18	157 B ON APR 6	10 200 000	1976
1977	796 AT 05:53 YST ON AUG 30	793 ON AUG 30	153 B ON MAR 18	11 400 000	1977
1978	575 AT 10:45 YST ON AUG 20	569 ON AUG 20	145 B ON APR 3	9 260 000	1978
1979	748 AT 15:39 YST ON AUG 11	744 ON AUG 9	144 B ON FEB 18	11 100 000	1979
1980	658 AT 16:33 YST ON AUG 20	657 ON AUG 20	166 B ON MAR 17	10 800 000	1980
1981	---	7628 ON SEP 21	157 B ON FEB 15	12 500 000	1981
1982	691 AT 17:43 YST ON AUG 15	687 ON AUG 15	140 B ON APR 3	10 400 000	1982
1983	611 AT 20:36 YST ON AUG 20	606 ON AUG 20	132 B ON APR 25	9 260 000	1983
1984	593 AT 07:05 YST ON AUG 25	546 ON AUG 25	148 B ON MAR 12	8 130 000	1984
1985	675 AT 13:32 YST ON AUG 8	673 ON AUG 8	141 B ON APR 12	9 100 000	1985
1986	787 AT 14:21 YST ON AUG 3	784 ON AUG 3	146 B ON MAR 23	10 700 000	1986
				10 100 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

YUKON RIVER ABOVE WHITE RIVER - STATION NO. 09CD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1956	---	---	---	---	---	---	---	---	1 270	1 050	510	318	---	1956
1957	261	257	241	237	2 270	3 630	2 610	1 580	1 350	1 030	761	487	1 240	1957
1958	417	321	266	297	1 050	1 850	1 390	1 160	1 060	755	459	388	795	1958
1959	317	291	237	248	1 610	2 880	2 450	2 020	1 080	1 110	---	---	---	1959
1960	---	---	---	282	1 580	2 480	2 450	2 180	1 760	1 250	734	510	---	1960
1961	447	357	311	311	1 589	2 880	2 650	1 840	1 870	1 670	840	510	1 380	1961
1962	453	435	340	311	1 610	4 080	3 710	2 050	1 020	---	---	---	---	1962
1963	---	---	---	---	---	---	3 130	2 180	1 970	1 730	968	680	---	1963
1964	555	481	426	367	893	5 260	3 080	2 080	1 580	---	---	---	---	1964
1965	---	---	---	---	---	---	---	---	---	1 230	611	455	---	1965
1966	278	244	244	266	1 190	2 780	2 230	1 580	1 340	1 300	891	544	1 080	1966
1967	421	364	289	272	1 510	4 140	2 840	1 850	1 830	1 360	812	487	1 350	1967
1968	400	300	325	364	1 140	2 910	2 640	1 860	1 850	1 560	843	595	1 240	1968
1969	368	312	266	321	1 250	2 510	2 170	2 030	2 240	1 490	842	540	1 200	1969
1970	428	373	347	338	1 330	2 480	2 010	1 600	1 530	1 410	753	438	1 110	1970
1971	349	338	339	324	838	3 010	2 230	1 640	1 420	1 070	804	427	1 050	1971
1972	371	345	307	291	1 270	4 400	3 840	2 100	1 540	1 070	917	568	1 280	1972
1973	335	328	301	286	1 580	2 600	2 530	2 000	1 780	1 030	673	583	1 170	1973
1974	376	350	304	273	1 300	2 680	2 140	2 250	1 600	1 210	933	608	1 160	1974
1975	412	368	368	338	1 580	3 110	2 880	2 060	1 820	1 590	891	634	1 320	1975
1976	387	380	361	378	1 640	2 680	3 040	1 830	1 600	885	704	670	1 240	1976
1977	440	422	382	433	1 830	3 010	3 670	3 010	1 830	1 250	831	661	1 230	1977
1978	391	342	286	300	1 270	2 300	2 130	1 900	1 250	1 050	808	688	1 040	1978
1979	376	337	339	368	1 580	3 260	3 130	2 230	1 630	1 150	884	643	1 280	1979
1980	418	402	350	431	1 180	2 100	1 840	1 640	1 830	1 430	889	565	1 110	1980
1981	462	383	387	400	1 710	3 410	2 130	1 800	1 920	1 480	1 040	854	1 170	1981
1982	444	455	381	385	907	2 650	1 780	1 380	1 140	1 030	819	625	980	1982
1983	367	354	333	364	1 310	3 050	1 980	1 650	1 850	1 080	715	659	1 110	1983
1984	390	356	316	356	788	2 480	2 180	1 500	1 920	1 070	815	617	1 010	1984
1985	485	420	418	415	1 080	3 280	3 030	2 070	1 910	1 130	859	663	1 260	1985
1986	420	401	360	318	1 130	3 770	3 230	2 470	2 080	1 670	1 350	802	1 510	1986
MEAN	394	355	335	332	1 350	3 170	2 520	1 980	1 800	1 340	936	686	1 180	MEAN

LOCATION - LAT 63 05 03 N, LONG 139 29 40 W
DRAINAGE AREA, 150 000 km^2
NATURAL FLOW

YUKON RIVER ABOVE WHITE RIVER - STATION NO. 09CD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1956	---	---	---	---	1956
1957	---	5 270 ON MAY 27	2318 ON APR 21	38 000 000	1957
1958	---	2 350 ON JUN 13	2588 ON MAR 21	25 100 000	1958
1959	---	3 340 ON JUN 17	2278 ON MAR 29 *	---	1959
1960	---	3 090E ON JUL 31	2478 ON APR 8	---	1960
1961	---	4 980 ON JUN 14	3118 ON FEB 16	42 700 000	1961
1962	---	7 700 ON JUN 25 *	3118 ON APR 1	---	1962
1963	---	3 570 ON JUN 26	---	---	1963
1964	---	6 850 ON JUN 13	3238 ON MAY 1	---	1964
1965	---	---	---	---	1965
1966	3 430 AT 19 00 YST ON JUN 30	3 400 ON JUN 30	2418 ON FEB 16	33 000 000	1966
1967	6 070 AT 16 15 YST ON JUN 5 *	4 900 ON JUN 6	2488 ON APR 1	42 800 000	1967
1968	---	3 230 ON MAY 25	3038 ON FEB 8	38 100 000	1968
1969	3 080 AT 18 00 YST ON JUN 13	3 060 ON JUN 13	2488 ON MAR 25	37 800 000	1969
1970	3 830 AT 09 00 YST ON JUN 11	3 540 ON JUN 11	3378 ON APR 5	34 900 000	1970
1971	---	3 430E ON JUN 14	3088 ON APR 13	33 100 000	1971
1972	---	6 540E ON JUN 3	2808 ON APR 12	40 700 000	1972
1973	3 280 AT 15 40 YST ON JUN 21	3 280 ON JUN 21	2808 ON APR 3	36 800 000	1973
1974	---	3 080E ON JUN 4	2428 ON FEB 26	36 000 000	1974
1975	3 780 AT 13 18 YST ON JUN 8	3 790 ON JUN 8	3178 ON APR 2	41 500 000	1975
1976	---	3 850E ON JUL 18	3458 ON MAR 29	38 100 000	1976
1977	3 280 AT 16 50 YST ON JUN 8	3 230 ON JUN 8	3718 ON MAR 25	38 900 000	1977
1978	3 680 AT 21 00 YST ON JUN 10	2 880 ON JUN 8	2788 ON APR 12	32 900 000	1978
1979	3 770 AT 12 45 YST ON JUN 9	3 750 ON JUN 9	3208 ON FEB 12	40 400 000	1979
1980	---	2 490E ON JUL 19	3778 ON MAR 13	35 100 000	1980
1981	3 190 AT 21 00 YST ON JUN 2	3 010 ON JUN 3	3488 ON MAR 31	37 000 000	1981
1982	3 330 AT 08 30 YST ON JUN 13	3 310 ON JUN 13	3608 ON MAR 30	30 800 000	1982
1983	4 240 AT 04 05 YST ON JUN 5	4 210 ON JUN 7	3208 ON MAR 8	34 800 000	1983
1984	3 050 AT 23 55 YST ON JUN 15	3 030 ON JUN 16	3108 ON MAR 15	31 900 000	1984
1985	6 910 AT 04 53 YST ON JUN 9	4 850 ON JUN 9	4008 ON FEB 20	39 700 000	1985
1986	6 250 AT 14 13 YST ON JUN 10	4 200 ON JUN 10	3078 ON APR 20	47 700 000	1986
				37 100 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

YUKON RIVER AT CARMACKS - STATION NO. 09AH001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1951	---	---	---	---	---	---	---	983	831	663	320	183	---	1951
1952	192	165	136	142	379	1 310	1 800	1 290	1 280	1 210	909	394	764	1952
1953	250	247	210	181	630	1 080	1 430	1 360	1 420	1 020	564	306	726	1953
1954	264	238	222	219	548	1 590	1 400	1 170	921	780	504	261	678	1954
1955	223	228	220	170	353	889	1 860	1 380	976	719	326	232	818	1955
1956	202	178	161	158	651	1 180	1 170	1 020	822	761	342	229	585	1956
1957	222	210	197	168	781	2 290	1 870	1 300	1 060	829	618	353	829	1957
1958	218	207	229	229	660	1 060	915	854	790	577	348	273	526	1958
1959	192	190	183	182	467	1 530	1 800	1 440	1 210	858	383	268	712	1959
1960	259	247	218	243	965	1 500	1 700	1 480	1 290	952	518	344	813	1960
1961	322	295	227	227	532	2 270	2 140	1 530	1 420	1 180	473	453	922	1961
1962	388	328	299	238	548	2 420	2 890	1 640	1 430	1 240	---	---	---	1962
1963	---	---	---	---	---	1 670	2 130	1 590	1 280	1 250	820	623	---	1963
1964	481	388	311	278	369	2 430	2 120	1 490	1 160	880	561	349	899	1964
1965	264	260	260	262	441	1 290	1 320	1 060	960	822	541	416	863	1965
1966	250	216	212	252	411	1 380	1 430	1 220	1 060	957	471	421	893	1966
1967	337	290	231	221	635	2 110	1 710	1 340	1 110	1 050	617	328	835	1967
1968	262	276	267	283	535	1 410	1 480	1 300	1 320	1 180	700	422	787	1968
1969	326	269	224	236	542	1 550	1 530	1 440	1 580	1 180	682	436	833	1969
1970	320	285	269	254	495	1 240	1 180	1 010	938	961	544	349	855	1970
1971	301	310	288	265	498	1 530	1 490	1 230	1 070	773	443	303	711	1971
1972	270	265	249	232	577	2 140	1 700	1 350	1 140	846	393	261	785	1972
1973	268	269	248	264	601	1 400	1 800	1 270	1 130	761	355	273	701	1973
1974	218	208	201	229	555	1 380	1 480	1 490	1 170	974	724	422	757	1974
1975	340	331	295	270	625	1 270	1 880	1 480	1 280	1 100	510	338	813	1975
1976	309	310	288	312	758	1 740	2 040	1 390	1 030	770	540	387	823	1976
1977	360	315	288	248	615	1 730	1 800	1 490	1 220	883	483	347	826	1977
1978	314	287	283	261	519	1 080	1 000	928	800	618	490	294	689	1978
1979	287	282	281	301	631	1 640	2 040	1 490	1 070	890	543	363	822	1979
1980	332	324	324	348	576	1 360	1 320	1 350	1 110	1 060	808	449	783	1980
1981	367	335	319	317	818	1 670	1 800	1 220	1 230	1 150	778	432	854	1981
1982	377	404	331	317	689	1 380	1 300	1 040	825	768	455	316	877	1982
1983	393	388	385	365	545	1 400	1 310	1 110	1 080	769	491	322	880	1983
1984	284	267	230	248	475	1 200	1 250	980	885	584	400	380	695	1984
1985	310	288	276	270	488	1 610	1 780	1 370	998	731	430	306	739	1985
1986	288	282	256	247	502	1 490	1 870	1 580	1 280	1 030	788	535	857	1986
MEAN	295	271	248	248	553	1 550	1 620	1 290	1 120	907	539	362	742	MEAN

LOCATION - LAT 62 05 45 N
LONG 136 16 18 W
DRAINAGE AREA, 81 800 km^2
NATURAL FLOW

YUKON RIVER AT CARMACKS - STATION NO. 09AH001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1951	---	---	--	---	1951
1952	---	2 200 ON JUL 3	1360 ON MAR 15 *	24 200 000	1952
1953	---	1 580 ON SEP 5	1768 ON APR 18	22 800 000	1953
1954	---	1 700 ON JUN 14	2158 ON MAR 26	21 300 000	1954
1955	---	1 770 ON JUL 8	1648 ON APR 11	19 500 000	1955
1956	---	1 380 ON JUN 12	1538 ON MAR 24	17 800 000	1956
1957	---	2 510 ON JUN 16	1848 ON APR 24	26 100 000	1957
1958	---	1 150 ON JUN 14	2148 ON APR 9	16 600 000	1958
1959	---	1 840 ON JUL 2	1788 ON MAR 29	22 500 000	1959
1960	---	1 880A ON JUN 30	2108 ON MAR 20	25 700 000	1960
1961	2 520 AT 08:00 YST ON JUN 21	2 590 ON JUN 21	2278 ON FEB 15	29 100 000	1961
1962	---	3 600A ON JUN 24 *	2388 ON APR 1	---	1962
1963	2 380 AT 11:00 YST ON JUL 14	2 380 ON JUL 13	---	---	1963
1964	2 890 AT 03:30 YST ON JUN 23 *	2 890 ON JUN 23	268 ON MAY 17	28 400 000	1964
1965	1 470 AT 05:00 YST ON JUL 7	1 460 ON JUL 7	2568 ON FEB 26	20 800 000	1965
1966	1 780 AT 18:15 YST ON JUL 8	1 710 ON JUN 18	2108 ON FEB 17	21 900 000	1966
1967	2 490 AT 21:15 YST ON JUN 23	2 450 ON JUN 23	2058 ON MAR 24	26 000 000	1967
1968	1 670 AT 09:00 YST ON JUL 7	1 650 ON JUL 7	2618 ON FEB 4	24 900 000	1968
1969	1 770 AT 04:30 YST ON JUN 18	1 760 ON JUN 18	2098 ON MAR 26	26 300 000	1969
1970	1 400 AT 16:30 YST ON JUL 22	1 380 ON JUL 22	2498 ON APR 16	20 600 000	1970
1971	1 970 AT 13:53 YST ON JUN 22	1 950 ON JUN 22	2618 ON APR 11	22 400 000	1971
1972	2 420 AT 10:42 YST ON JUN 26	2 410 ON JUN 26	2268 ON APR 19	24 800 000	1972
1973	1 810 AT 08:00 YST ON JUL 2	1 800 ON JUL 2	2278 ON DEC 31	22 100 000	1973
1974	1 750 AT 10:42 YST ON AUG 7	1 730 ON AUG 7	1988 ON FEB 27	23 900 000	1974
1975	2 040 AT 18:21 YST ON JUL 14	2 020 ON JUL 20	2728 ON APR 4	25 600 000	1975
1976	2 380 AT 17:05 YST ON JUL 2	2 250 ON JUL 2	2928 ON MAR 24	26 000 000	1976
1977	2 010 AT 11:00 YST ON JUN 21	2 000 ON JUN 21	2728 ON MAR 22	26 100 000	1977
1978	1 180 AT 10:20 YST ON JUN 17	1 180 ON JUN 17	2298 ON APR 4	17 800 000	1978
1979	2 260 AT 10:45 YST ON JUL 8	2 250 ON JUL 8	2698 ON FEB 12	25 900 000	1979
1980	1 530 AT 18:21 YST ON JUN 18	1 510 ON JUN 18	3038 ON FEB 16	24 700 000	1980
1981	1 780 AT 06:45 YST ON JUN 24	1 760 ON JUN 24	3018 ON MAR 23	27 000 000	1981
1982	1 630 AT 07:25 YST ON JUN 21	1 610 ON JUN 21	2908 ON DEC 26	21 400 000	1982
1983	1 480 AT 13:06 YST ON JUN 12	1 480 ON JUN 12	2588 ON MAR 8	21 400 000	1983
1984	1 470 AT 14:30 YST ON JUN 28	1 460 ON JUN 29	2308 ON MAR 10	18 800 000	1984
1985	1 880 AT 13:44 YST ON JUL 13	1 870 ON JUL 13	2508 ON FEB 15	23 300 000	1985
1986	2 120 AT 01:10 YST ON JUL 4	2 110 ON JUL 5	2418 ON APR 7	27 000 000	1986
				23 400 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

YUKON RIVER AT DAWSON - STATION NO. 09EB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	542	3 810	5 550	4 770	3 910	3 220	3 080	1 430	1 170	---	1945
1946	906	854	530	868	4 710	5 130	4 030	3 280	2 870	1 820	1 100	842	2 240	1946
1947	611	417	456	903	4 210	5 690	4 170	3 010	2 780	2 280	1 120	1 090	2 240	1947
1948	728	481	373	709	4 330	4 910	3 720	3 700	3 150	2 100	1 040	678	2 170	1948
1949	510	431	413	834	4 560	5 480	5 670	4 590	2 960	2 000	1 300	808	2 540	1949
1950	883	554	443	542	3 460	4 280	3 430	2 940	2 210	1 480	714	329	1 770	1950
1951	228	185	227	373	3 440	3 950	3 780	2 830	2 240	1 320	758	373	1 650	1951
1952	282	282	256	267	1 870	4 640	4 620	3 160	3 080	---	---	---	---	1952
1954	---	---	---	---	---	---	---	---	2 540	1 630	---	---	---	1954
1956	---	---	---	---	---	---	4 470	4 430	3 640	2 600	1 520	884	537	---	1956
1957	806	408	377	382	4 840	6 870	5 300	3 480	2 410	1 780	1 120	617	2 350	1957
1958	583	489	436	461	2 480	4 320	3 240	2 890	2 140	1 120	548	475	1 810	1958
1959	450	392	364	388	4 280	5 590	4 420	3 790	2 920	1 690	---	---	---	1959
1960	597	520	455	488	3 610	4 690	4 990	4 810	3 470	2 140	982	676	2 300	1960
1961	809	602	408	418	3 380	7 590	5 220	4 090	2 920	2 350	980	680	2 440	1961
1962	823	586	510	481	3 630	9 680	6 630	4 780	3 530	2 510	1 180	801	2 910	1962
1963	700	610	562	488	4 520	5 430	5 180	4 260	3 340	2 680	1 300	736	2 840	1963
1964	651	623	586	538	1 930	12 200	7 140	5 070	3 180	2 030	1 040	821	2 970	1964
1965	476	455	459	513	1 830	4 730	4 820	3 370	2 750	1 930	928	755	1 910	1965
1966	489	408	401	474	2 580	5 740	4 420	2 980	2 240	1 450	740	687	1 890	1966
1967	479	402	341	351	2 580	7 750	5 360	4 010	3 270	2 040	1 180	843	2 370	1967
1968	522	451	517	586	2 940	5 890	5 030	3 580	3 070	2 230	1 150	752	2 230	1968
1969	574	481	343	472	2 610	4 650	3 770	3 240	3 270	2 020	1 110	883	1 940	1969
1970	542	487	424	414	2 680	5 120	4 100	3 180	2 600	2 050	1 000	540	1 930	1970
1971	418	423	462	472	3 280	6 130	4 420	3 580	2 730	1 700	744	452	2 080	1971
1972	418	435	405	382	2 710	8 030	5 200	3 980	2 910	1 580	883	506	2 270	1972
1973	471	442	388	437	3 230	5 630	5 260	3 920	3 440	1 550	882	459	2 180	1973
1974	328	300	293	334	2 840	5 040	4 120	4 800	2 990	1 930	1 400	884	2 080	1974
1975	558	538	488	473	4 240	7 150	6 300	4 070	3 380	2 700	993	880	2 640	1975
1976	544	506	496	518	3 600	5 570	5 710	3 890	2 380	1 860	1 070	887	2 240	1976
1977	626	590	518	570	2 950	6 080	4 630	3 740	2 410	1 770	878	874	2 120	1977
1978	526	426	354	406	2 150	4 420	4 590	3 980	2 420	1 880	1 280	746	1 840	1978
1979	676	457	455	517	3 590	6 360	5 660	4 900	3 080	2 230	881	831	2 540	1979
1980	590	559	544	580	2 550	4 450	4 170	3 800	3 240	2 570	1 530	738	2 120	1980
MEAN	541	485	427	501	3 290	5 880	4 850	3 780	2 870	1 970	1 020	887	2 210	MEAN

LOCATION - LAT 64 04 12 N LONG 139 25 30 W DRAINAGE AREA, 284 000 km^2 NATURAL FLOW

YUKON RIVER AT DAWSON - STATION NO. 09EB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	6 650 ON MAY 22	3710 ON MAR 19	---	1945
1946	---	7 330 ON MAY 31	4610 ON MAR 21	70 600 000	1946
1947	---	7 500 ON JUN 3	3790 ON MAR 15	70 700 000	1947
1948	---	7 220 ON JUN 3	3580 ON FEB 19	68 500 000	1948
1949	---	7 360 ON JUN 27	3940 ON APR 14	80 100 000	1949
1950	---	6 080 ON MAY 13	2590 ON DEC 31	65 400 000	1950
1951	---	4 640 ON JUN 3	1800 ON FEB 19 *	52 000 000	1951
1952	---	6 140 ON JUL 3	2560 ON MAR 1	---	1952
1954	---	---	---	---	1954
1956	---	5 410 ON JUL 3	---	---	1956
1957	---	10 600 ON MAY 24	3650 ON APR 14	74 200 000	1957
1958	---	5 920 ON JUN 13	4130 ON APR 5	50 900 000	1958
1959	---	7 820 ON MAY 21	3540 ON APR 16	---	1959
1960	---	6 510 ON AUG 1	4250 ON MAR 29	72 700 000	1960
1961	---	10 100 ON JUN 13	3850 ON MAR 19	76 900 000	1961
1962	---	10 900 ON JUN 18	4810 ON APR 1	81 800 000	1962
1963	---	7 900 ON JUL 14	4810 ON APR 1	81 500 000	1963
1964	---	14 800 ON JUN 11 *	4810 ON MAY 1	93 800 000	1964
1965	---	6 600 ON JUN 3	4530 ON FEB 11	80 300 000	1965
1966	---	6 990 ON JUN 21	3960 ON MAR 16	59 500 000	1966
1967	---	9 830 ON JUN 6	3060 ON MAR 25	74 800 000	1967
1968	---	7 280 ON MAY 26	4470 ON FEB 5	70 600 000	1968
1969	---	6 120 ON JUN 15	3170 ON MAR 25	61 200 000	1969
1970	---	5 970 ON JUN 8	4110 ON APR 11	61 000 000	1970
1971	---	7 520 ON JUN 16	3880 ON JAN 24	65 400 000	1971
1972	---	12 100 ON JUN 3	3740 ON APR 11	71 700 000	1972
1973	---	6 800 ON JUN 24	3880 ON MAR 19	68 100 000	1973
1974	---	6 200A ON JUN 5	2920 ON FEB 21	65 800 000	1974
1975	9 230 AT 15 25 YST ON JUN 6 *	9 090 ON JUN 6	4620 ON APR 4	83 300 000	1975
1976	7 650 AT 20 35 YST ON JUL 17	7 530 ON JUL 17	4810 ON APR 2	70 800 000	1976
1977	7 110 AT 08 30 YST ON JUN 4	7 080 ON JUN 4	4980 ON MAR 30	66 900 000	1977
1978	5 580 AT 05 20 YST ON JUN 9	5 550 ON JUN 9	3430 ON MAR 23	61 100 000	1978
1979	7 450 AT 22 10 YST ON JUL 9	7 340 ON JUL 9	4300 ON FEB 27	80 200 000	1979
1980	6 100 AT 08 58 YST ON JUN 13	6 030 ON JUN 13	5200 ON FEB 21	67 200 000	1980
				69 800 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

YUKON RIVER AT EAGLE - STATION NO. 09ED001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	841	656	558	623	4 060	6 800	4 880	4 640	3 370	2 000	994	892	2 630	1983
1984	477	387	408	547	3 480	5 400	5 360	3 440	2 880	1 710	978	733	2 140	1984
1985	614	548	519	510	2 910	7 630	5 330	4 420	3 380	2 030	1 040	773	2 670	1985
1986	656	582	533	491	2 630	7 450	6 180	4 720	3 490	2 350	1 450	947	2 830	1986
MEAN	647	546	505	543	3 270	6 820	5 710	4 310	3 310	2 020	1 120	786	2 470	MEAN

LOCATION - LAT 64 47 22 N, LONG 141 11 52 W
DRAINAGE AREA, 294 000 km^2
NATURAL FLOW
INTERNATIONAL GAUGING STATION

YUKON RIVER AT EAGLE - STATION NO. 09ED001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	9 770 AT 15 30 AST ON JUN 7	9 710 ON JUN 7	5108 ON APR 1	78 800 000	1983
1984	---	7 180 ON JUL 5	3868 ON FEB 2 *	66 500 000	1984
1985	11 100 AT 21 30 AST ON JUN 10 *	11 000 ON JUN 11 *	5108 ON MAR 11	81 100 000	1985
1986	---	8 500 ON JUN 28	4818 ON APR 11	82 800 000	1986
				78 100 000	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

YUKON RIVER AT STEWART RIVER - STATION NO. 09EB002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1956	---	---	---	---	---	---	---	---	3 310	1 400	584	436	---	1956
1957	410	363	357	321	4 230	6 180	4 830	3 210	2 240	1 580	882	572	2 120	1957
1958	559	454	393	419	2 020	3 700	3 010	2 730	1 930	973	---	---	---	1958
1959	---	376	352	372	3 640	4 940	4 020	3 540	2 750	1 570	---	---	---	1959
1960	544	444	384	441	3 280	4 380	4 640	4 410	3 210	2 000	892	708	2 120	1960
1961	622	496	424	411	2 780	6 850	4 920	3 630	3 480	2 210	841	623	2 250	1961
1962	566	510	453	425	2 970	6 800	6 310	4 510	3 300	2 350	1 130	767	2 880	1962
1963	664	582	534	480	3 970	5 050	5 880	4 030	3 180	2 450	1 150	704	3 400	1963
1964	583	523	542	510	1 490	11 000	5 530	4 810	3 040	1 910	975	671	3 720	1964
1965	438	418	422	472	1 800	---	---	---	---	---	---	---	---	1965
MEAN	581	474	429	428	2 880	6 380	5 030	3 880	2 780	1 830	935	626	2 380	MEAN

LOCATION - LAT 63 18 42 N, LONG 139 25 43 W
DRAINAGE AREA, 251 000 km^2
NATURAL FLOW

YUKON TERRITORY

YUKON RIVER AT STEWART RIVER - STATION NO. 09EB002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1956	---	---	---	---	1956
1957	---	9 810 ON MAY 27	3008 ON APR 16 *	88 700 000	1957
1958	---	4 640 ON JUN 11	3788 ON APR 7	---	1958
1959	---	6 310 ON MAY 25	3408 ON APR 15	---	1959
1960	---	5 830 ON JUL 31	3778 ON APR 4	67 100 000	1960
1961	---	8 980 ON JUN 13	4118 ON MAR 17	71 100 000	1961
1962	---	10 200E ON JUN 16	4258 ON APR 1	84 600 000	1962
1963	---	7 500 ON JUL 14	4538 ON APR 1	76 700 000	1963
1964	---	13 300 ON JUN 12 *	4538 ON MAY 1	86 100 000	1964
1965	---	5 640 ON JUN 4	4168 ON FEB 11	---	1965
				78 200 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

YUKON RIVER AT WHITEHORSE - STATION NO. 09AB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1943	---	---	---	---	---	---	---	---	---	483	298	200	---	1943
1944	109	88.4	86.3	91.8	336	405	588	601	543	512	388	309	317	1944
1945	104	90.5	82.4	78.4	227	406	418	483	406	302	187	93.3	232	1945
1946	86.2	78.2	68.4	69.8	215	381	486	497	475	376	67.1	72.8	241	1946
1947	67.4	69.0	64.6	67.6	207	385	402	453	437	380	119	80.9	229	1947
1948	76.3	76.5	73.4	69.3	183	483	504	538	481	336	80.7	79.8	248	1948
1949	71.0	84.1	80.2	76.3	217	282	367	445	434	311	111	122	214	1949
1950	112	85.6	88.2	84.9	184	322	450	477	454	374	187	72.4	234	1950
1951	72.1	88.2	88.2	83.8	180	314	410	477	471	333	78.5	88.9	218	1951
1952	88.6	85.6	88.4	82.7	184	343	361	479	476	442	313	141	233	1952
1953	110	86.4	84.8	72.0	127	382	588	631	587	407	264	85.5	286	1953
1954	71.1	85.0	81.9	73.8	111	387	478	489	436	322	145	86.4	234	1954
1955	80.5	89.8	86.0	88.1	73.8	148	446	478	374	206	85.6	85.7	186	1955
1956	77.8	71.6	67.7	84.4	88.5	223	333	416	420	312	124	101	183	1956
1957	94.4	89.3	83.3	77.0	158	446	534	587	558	459	244	128	288	1957
1958	130	104	81.5	75.2	104	337	435	484	378	233	128	104	217	1958
1959	86.2	82.3	72.9	87.4	88.2	338	538	485	394	251	140	103	219	1959
1960	94.4	90.4	82.8	82.5	108	318	436	535	488	317	170	131	234	1960
1961	107	88.0	77.5	75.1	111	385	510	588	571	420	213	158	276	1961
1962	138	122	93.4	76.8	80.7	381	480	535	501	433	318	214	274	1962
1963	153	133	107	84.8	128	378	481	546	542	511	335	239	295	1963
1964	183	144	112	103	90.4	310	493	547	485	381	248	145	288	1964
1965	113	101	102	95.5	93.2	182	355	437	420	380	283	184	234	1965
1966	102	91.1	87.0	84.5	83.2	186	378	451	435	376	249	183	226	1966
1967	131	93.8	78.8	78.8	100	258	395	445	486	428	280	181	245	1967
1968	133	104	87.9	81.4	108	234	377	461	457	397	293	188	242	1968
1969	112	79.1	72.5	73.4	88.2	312	485	484	406	331	210	182	235	1969
1970	138	123	113	114	136	214	293	364	303	249	158	145	186	1970
1971	128	118	116	118	105	194	414	583	536	328	191	130	244	1971
1972	121	120	117	116	117	245	395	501	486	285	178	130	235	1972
1973	123	123	121	124	121	175	328	400	307	182	134	115	186	1973
1974	111	106	104	108	106	174	267	383	439	383	232	198	219	1974
1975	148	138	134	136	141	182	484	502	488	384	184	145	254	1975
1976	142	128	143	140	178	248	437	487	348	288	224	148	246	1976
1977	140	134	145	194	158	280	467	584	541	347	174	138	288	1977
1978	136	130	125	124	140	240	336	401	339	230	209	135	213	1978
1979	134	130	129	137	142	236	445	546	540	407	183	145	263	1979
1980	142	142	140	188	185	314	441	495	370	377	243	138	283	1980
1981	138	133	138	158	219	379	488	581	511	506	239	148	314	1981
1982	144	154	173	184	180	264	432	472	463	288	141	133	248	1982
1983	148	170	166	117	140	258	377	429	338	182	173	133	222	1983
1984	134	133	134	136	138	183	302	382	310	188	161	148	192	1984
1985	138	130	143	130	118	195	375	464	289	207	139	131	204	1985
1986	125	115	113	135	126	223	469	554	411	255	210	170	244	1986
MEAN	115	106	101	98.3	137	285	430	491	446	339	193	134	240	MEAN

LOCATION - LAT. 60 42 50 N DRAINAGE AREA, 18 400 km^2 DATA CONTRIBUTED BY -
LONG 135 02 35 W REGULATED SINCE 1925 THE YUKON ELECTRICAL COMPANY LIMITED

REMARKS - RECORDS OBTAINED AT W.P. AND Y. RAILWAY DEPOT 1902-APR 11 1980. ROBERT CAMPBELL BRIDGE APR 16 1980-OCT 30 1972

YUKON RIVER AT WHITEHORSE - STATION NO. 09AB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1943	---	---	---	---	1943
1944	---	631 ON JUL 17	48.78 ON APR 7	10 000 000	1944
1945	---	481 ON AUG 13	58.3 ON APR 30	7 310 000	1945
1946	---	518 ON JUL 20	34.8 ON APR 29	7 580 000	1946
1947	---	473 ON JUL 31	47.3 ON APR 18	7 210 000	1947
1948	---	555 ON AUG 19	47.48 ON APR 13	7 820 000	1948
1949	---	467 ON AUG 21	53.58 ON MAR 29	6 760 000	1949
1950	---	504 ON AUG 31	63.48 ON MAR 27	7 370 000	1950
1951	---	487 ON AUG 16	46.4 ON MAY 2	6 830 000	1951
1952	---	552 ON AUG 27	55.28 ON FEB 21	7 360 000	1952
1953	---	646 ON AUG 9 *	61.48 ON DEC 23	9 020 000	1953
1954	---	518 ON AUG 13	64.38 ON JAN 1	7 380 000	1954
1955	---	521 ON AUG 8	53.48 ON APR 21	5 880 000	1955
1956	---	445 ON AUG 29	53.18 ON APR 26	6 100 000	1956
1957	---	586 ON AUG 20	75.08 ON APR 21	8 080 000	1957
1958	---	493 ON AUG 13	70.88 ON MAR 30	6 860 000	1958
1959	---	541 ON JUL 5	44.78 ON MAY 5	6 920 000	1959
1960	---	558 ON AUG 15	56.6 ON APR 28	7 400 000	1960
1961	---	629 ON AUG 25	62.0 ON APR 23	8 690 000	1961
1962	---	538 ON AUG 27	32.6 ON MAY 18 *	8 650 000	1962
1963	---	609 ON SEP 20	69.48 ON APR 20	9 310 000	1963
1964	---	592 ON AUG 28	32.6 ON MAY 21	8 420 000	1964
1965	---	456 ON AUG 2	41.6 ON MAY 21	7 060 000	1965
1966	---	459 ON AUG 1	33.7 ON MAY 26	7 120 000	1966
1967	---	527 ON SEP 25	65.78 ON APR 4	7 740 000	1967
1968	---	484 ON AUG 23	67.7 ON APR 28	7 690 000	1968
1969	---	507 ON JUL 20	49.0 ON MAY 10	7 400 000	1969
1970	388 AT 18 04 YST ON AUG 11	377 ON AUG 18	98.5 ON APR 13	6 190 000	1970
1971	643 AT 18 08 YST ON AUG 23 *	612 ON AUG 23	72.8 ON MAY 14	9 710 000	1971
1972	595 AT 16 48 YST ON AUG 24	535 ON AUG 25	81.6 ON JUN 8	7 420 000	1972
1973	---	418 ON AUG 12	104 B ON DEC 29	5 880 000	1973
1974	---	450 ON SEP 10	88.9 ON MAY 22	6 770 000	1974
1975	---	584 ON JUL 22	123 B ON APR 23	8 010 000	1975
1976	---	501 ON AUG 11	86.4 ON MAY 18	7 790 000	1976
1977	---	620 ON AUG 26	129 ON DEC 13	8 430 000	1977
1978	---	419 ON AUG 17	113 ON APR 12	6 710 000	1978
1979	---	556 ON AUG 31	122 B ON FEB 15	8 290 000	1979
1980	---	510 ON AUG 14	132 ON DEC 25	8 330 000	1980
1981	---	635 ON SEP 19	128 B ON FEB 12	9 900 000	1981
1982	---	481 ON AUG 8	104 ON DEC 2	7 830 000	1982
1983	---	442 ON AUG 21	106 ON APR 23	7 010 000	1983
1984	---	394 ON AUG 25	104 ON MAY 5	8 090 000	1984
1985	---	458 ON AUG 1	105 ON MAY 24	6 420 000	1985
1986	---	570 ON AUG 6	105 ON MAR 4	7 880 000	1986
				7 570 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ACASTA RIVER ABOVE LITTLE CRAPEAU LAKE - STATION NO. 10JA004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	---	---	3.92R	2.09R	4.77R	4.60R	1.94R	---	1980
1981	1.09R	0.478R	0.265R	0.565R	9.21 R	36.7R	23.0R	10.3 R	8.25R	14.8 R	10.7 R	5.31R	10 1R	1981
1982	2.08R	0.803R	0.277R	0.232R	8.17 R	63.1R	20.8R	7.80R	5.62R	5.48R	4.78R	3.23R	10.2R	1982
1983	1.76	1.02	0.467	0.444	0.372	56.8	31.4	13.2	14.0	15.2	10.3	5.06	12.5	1983
1984	2.34	1.51	0.651	0.709	12.8	83.9	46.4	20.3	18.6	15.7	7.06	3.83	17.8	1984
1985	1.85	1.48	0.984	0.583	22.7	54.6	19.4	11.0	8.06	6.55	4.68	2.70	11.2	1985
1986	1.46	1.12	0.734	0.464	13.8	81.3	19.9	7.77	5.06	4.25	2.91	1.78	11.7	1986
MEAN	1.73R	1.07 R	0.563R	0.496R	11.2 R	62.7R	26.8R	10.6 R	8.81R	9.54R	6.43R	3.41R	12.3	MEAN

LOCATION - LAT 64 52 30 N
LONG 116 08 19 W
DRAINAGE AREA, 2 280 km²
NATURAL FLOW

R - REVISED SINCE JAN 1986

ACASTA RIVER ABOVE LITTLE CRAPEAU LAKE - STATION NO. 10JA004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1980	---	---	---	---	1980
1981	51.9R AT 06 26 MST ON JUN 4	51.7R ON JUN 4	0.258RB ON MAR 9	318 000R	1981
1982	91.4R AT 14 24 MST ON JUN 7	90.9RA ON JUN 7	0.200RE ON APR 5 *	322 000R	1982
1983	---	96.8E ON JUN 20	0.288 ON MAY 28	384 000	1983
1984	157 AT 23 24 MST ON JUN 7 *	155 ON JUN 7 *	0.5318 ON MAR 15	563 000	1984
1985	84.0 AT 08 34 MST ON JUN 3	83.8 ON JUN 3	0.455 ON APR 25	354 000	1985
1986	132 AT 00 36 MST ON JUN 6	130 ON JUN 6	0.341B ON MAY 7	369 000	1986
				387 000R	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1 1986

AKKUTUAK CREEK NEAR BAKER LAKE - STATION NO. 08MA004

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	0.910	0.736	0.030	0.008	0	---	---	---	1978
1979	---	---	0	0	0.209	0.677	0.064	0.015	0.002	0	---	---	0.159	1979
1980	---	---	0	0	0	0.479	0.098	0.294	0.111	0	---	---	0.162	1980
1981	---	---	0	0	0	0.585	0.219	0.004	---	---	---	---	---	1981
1982	---	---	0	0	0	0.731	0.179	0.150	0.379	0.064	---	---	0.247	1982
1983	---	---	---	---	0	0.960	0.074	0.188	0.260	0.066	---	---	0.254	1983
1984	---	---	---	---	0	1.07	0.124	0.134	0.231	0.034	---	---	0.261	1984
1985	---	---	---	---	0	0.783	0.378	0.231	0.325	0.024	---	---	0.287	1985
1986	---	---	---	---	0.194	0.582	0.188	0	0.088	0	---	---	0.170	1986
MEAN	---	---	0	0	0.050	0.753	0.226	0.116	0.176	0.024	---	---	0.220	MEAN

LOCATION - LAT 64 18 57 N
LONG 95 58 23 W
DRAINAGE AREA, 15 0 km²
NATURAL FLOW

AKKUTUAK CREEK NEAR BAKER LAKE - STATION NO. 08MA004

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1978	---	3.43 ON JUN 24	0B ON JUN 1 *	---	1978
1979	---	2.67 ON MAY 29	0B ON MAY 1	2 540	1979
1980	---	2.33 ON JUN 14	0B ON MAY 1	2 580	1980
1981	---	2.59 ON JUN 10	0B ON MAY 1	---	1981
1982	---	2.87 ON JUN 17	0B ON MAY 1	3 830	1982
1983	---	3.80B ON JUN 11 *	0B ON MAY 1	4 040	1983
1984	---	3.67 ON JUN 8	0B ON MAY 1	4 160	1984
1985	---	2.89 ON JUN 10	0B ON MAY 1	4 580	1985
1986	---	2.61 ON JUN 20	0B ON MAY 1	2 700	1986
				3 500	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ALLEN RIVER NEAR THE MOUTH - STATION NO. 10YC001

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	15.7	18.4	3.55	0.014	---	---	---	---	1971
1972	---	---	---	---	---	---	20.4	3.05	---	---	---	---	---	1972
1973	---	---	---	---	---	---	---	5.76	---	---	---	---	---	1973
1974	---	---	---	---	---	---	24.5	4.00	---	---	---	---	---	1974
1975	---	---	---	---	---	---	5.20	---	---	---	---	---	---	1975
1977	0	0	0	0	0	5.99	19.9	1.77	0.029	0	0	0	4.80	1977
1978	0	0	0	0	0	0	27.4	2.76	0.047	0	0	0	5.08	1978
1979	0	0	0	0	0	0	21.0	1.23	0.016	0	0	0	3.74	1979
1981	0	0	0	0	0	---	---	2.85	0.010	0	0	0	---	1981
1982	0	0	0	0	0	---	---	---	---	0	0	0	---	1982
1983	---	---	---	---	0	---	---	---	---	---	---	---	---	1983
1984	---	---	---	0	0	---	---	---	---	0	0	---	---	1984
MEAN	0	0	0	0	0	5.67	19.3	3.12	0.023	0	0	0	4.54	MEAN

LOCATION - LAT 74 50 48 N DRAINAGE AREA, 448 km²
LONG 95 03 31 W NATURAL FLOW

ALLEN RIVER NEAR THE MOUTH - STATION NO. 10YC001

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	---	105 A ON JUN 29 *	OE ON JUN 1 *	---	1971
1972	103 AT 20 00 MST ON JUL 17	84.6 ON JUL 18	---	---	1972
1973	---	---	---	---	1973
1974	---	---	OB ON JUN 26	---	1974
1975	108 AT 19 17 MST ON JUN 27	84.0 ON JUN 27	---	---	1975
1977	97.7 AT 20 00 MST ON JUL 6	56.4 ON JUL 6	OB ON MAY 1	76 200	1977
1978	123 AT 16 10 MST ON JUL 19	77.0 ON JUL 15	OB ON MAY 1	81 000	1978
1979	130 AT 18 00 MST ON JUL 15 *	51.6 ON JUL 15	OB ON MAY 1	59 400	1979
1981	---	---	OB ON MAY 1	---	1981
1982	---	---	OB ON MAY 1	---	1982
1983	---	---	OB ON MAY 1	---	1983
1984	---	---	OB ON MAY 1	---	1984
				72 200	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ANDERSON RIVER BELOW CARNWATH RIVER - STATION NO. 10NC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	---	---	---	---	---	236 R	123 R	84.9R	---	1969
1970	36.9R	24.0 R	19.6 R	19.2 R	123 R	456R	220R	207 R	292 R	136	72.0	45.8R	138 R	1970
1971	29.8R	21.9	20.2	19.1 R	385 R	785R	281	267	494	283	139 R	79.0R	237 R	1971
1972	48.1R	32.7 R	24.5 R	21.0 R	46.9R	1 520R	377R	221 R	230 R	104 R	66.9	49.2	337 R	1972
1973	36.0	23.4	14.9 R	13.6 R	773 R	656R	241	237	242	148 R	87.5R	38.8R	209 R	1973
1974	25.0R	18.0 R	13.9 R	12.6 R	482 R	385	198	102 R	86.9R	39.3R	28.2R	24.9R	117 R	1974
1975	22.6R	17.7	12.8	12.3 R	584 R	434	170	87.1	49.8	33.4	24.3	17.5	121 R	1975
1976	11.6	10.5	10.1	9.54	191 R	286R	115R	112 R	85.8R	61.3R	25.2	16.4R	78.1R	1976
1977	14.3	11.2	9.27	8.18	380 R	787R	460	170	114	79.1	49.2	26.9	177 R	1977
1978	17.8	13.4	10.8	9.74	33.0R	828R	362	130	72.4	50.6	37.1	18.0	114 R	1978
1979	13.9	9.85	4.72	4.65	309 R	298	142	62.7	146	77.8	36.5	24.2	84.7R	1979
1980	17.0	12.1 R	9.43	9.28R	711 R	1 000	320	154	113	36.6	20.1	19.6	202 R	1980
1981	20.9	15.1	8.14R	8.98R	376 R	388	188	159	200	207	112	69.3	147 R	1981
1982	45.9R	28.8 R	17.2 R	11.8 R	684 R	1 010	349	134	90.8	45.2	28.1	21.3	206 R	1982
1983	14.3	11.2	10.0	9.83	54.3R	902R	181	86.8	71.4	70.2	60.5	38.0	126 R	1983
1984	22.5	14.8	12.4	12.1	1 000	696	244	177	267	140	55.2	42.7	224	1984
1985	25.2	17.0	14.6	15.1	300	347	159	85.2	58.5	36.8	24.3	21.1	92.5	1985
1986	14.9	11.3	8.56	7.15	113	330	125	57.4	47.0	29.3	19.9	14.8	64.6	1986
MEAN	24.6R	17.3 R	13.1 R	12.0 R	386 R	643R	243R	145 R	155 R	101 R	64.3R	35.2R	152	MEAN

LOCATION - LAT 68 38 39 N DRAINAGE AREA, 56 300 km²
LONG 126 25 30 W NATURAL FLOW

R - REVISED SINCE JAN 1986

REMARKS - THE 1972 PEAK DISCHARGE IS BASED ON A HIGH WATER MARK OF 3.479 m

NORTHWEST TERRITORIES

ANDERSON RIVER BELOW CARNWATH RIVER - STATION NO. 10NC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	---	---	---	1969
1970	---	1 200RE ON JUN 1	19.0 RB ON MAY 11	4 350 000R	1970
1971	---	1 600RE ON MAY 27	18.5 RB ON MAY 7	7 470 000R	1971
1972	---	3 000RE ON JUN 2 *	20.6 RB ON APR 25	7 180 000R	1972
1973	---	2 000RE ON MAY 21	13.5 RB ON APR 12	6 580 000R	1973
1974	---	1 600RE ON MAY 18	12.4 RB ON APR 21	3 890 000R	1974
1975	---	1 100RE ON MAY 12	11.7 B ON APR 2	3 810 000R	1975
1976	---	700RB ON MAY 24	9.178 ON MAY 4	2 500 000R	1976
1977	---	1 200RE ON MAY 20	7.788 ON APR 28	5 580 000R	1977
1978	---	1 300RB ON JUN 3	9.348 ON APR 15	3 810 000R	1978
1979	---	1 100RB ON MAY 20	4.228 ON MAR 19 *	2 980 000R	1979
1980	---	2 600RB ON MAY 26	9.008 ON MAR 26	5 390 000R	1980
1981	---	1 100RE ON MAY 19	8.90RB ON APR 19	4 630 000R	1981
1982	---	2 200RB ON MAY 23	11.6 RB ON APR 17	6 500 000R	1982
1983	---	1 700RB ON JUN 3	9.75RB ON MAY 9	3 980 000R	1983
1984	---	2 000B ON MAY 15	12.0 B ON APR 14	7 090 000	1984
1985	1 050 AT 16:57 MST ON JUN 1 *	1 000B ON MAY 20	14.4 B ON MAR 17	2 920 000	1985
1986	---	490B ON JUN 2	6.82B ON APR 28	2 040 000	1986
				4 780 000R	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1 1986

ANIGAQ RIVER BELOW AUDRA LAKE - STATION NO. 08MA007

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO DEC IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	---	---	---	---	0 R	101R	41.2R	12.4R	18.6 R	1.85R	0.038R	---	---	1984
1985	---	---	---	---	0	102	45.5	32.4	35.8	7.82	0.583	0	27.7	1985
1986	---	---	---	---	1.92	123	77.3	11.3	6.06	2.40	0.138	0	27.6	1986
MEAN	---	---	---	---	0.64OR	109R	54.7R	18.7R	20.2 R	4.06R	0.253R	0	27.7	MEAN

LOCATION - LAT 64 13 02 N, LONG 96 34 46 W
DRAINAGE AREA, 2 740 km^2
NATURAL FLOW
R - REVISED SINCE JAN 1986

ANIGAQ RIVER BELOW AUDRA LAKE - STATION NO. 08MA007

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO DEC FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1984	---	295RE ON JUN 15 *	ORB ON MAY 1 *	---	1984
1985	273 AT 20:15 CST ON JUN 15 *	268 ON JUN 15	0B ON MAY 1	588 000	1985
1986	157 AT 20:37 CST ON JUL 2	157 ON JUL 2	0B ON MAY 1	584 000	1986
				586 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1 1986

APEX RIVER AT APEX - STATION NO. 10UH002

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR JUN TO SEP IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	---	---	3.84	2.66	0.913	1.44	---	---	---	2.20	1973
1974	---	---	---	---	---	---	0.378	1.05	---	---	---	---	---	1974
1975	---	---	---	---	---	---	1.48	1.03	0.806	---	---	---	---	1975
1976	---	---	---	---	---	---	2.44	0.895	0.470	---	---	---	---	1976
1977	---	---	---	---	---	---	1.62	0.612	0.437	---	---	---	---	1977
1978	---	---	---	---	---	---	4.93	1.63	---	---	---	---	---	1978
1979	---	---	---	---	---	---	2.24	1.13	1.42	---	---	---	---	1979
1980	---	---	---	---	---	---	0.886	0.340	0.570	---	---	---	---	1980
1981	---	---	---	---	---	---	0.901	0.325	---	---	---	---	---	1981
1982	---	---	---	---	---	2.22	1.08	0.567	0.673	0.021	---	---	1.13	1982
1983	---	---	---	---	---	3.27	1.41	0.179	0.154	---	---	---	1.25	1983
1985	---	---	---	---	1.06	3.11	1.46	0.975	1.41	---	---	---	1.73	1985
1986	---	---	---	---	---	2.60	3.59	2.13	1.94	0.089	---	---	2.57	1986
MEAN	---	---	---	---	1.06	3.01	1.93	0.806	0.932	0.060	---	---	1.78	MEAN

LOCATION - LAT 63 44 03 N, LONG 68 27 15 W
DRAINAGE AREA, 58.5 km^2
NATURAL FLOW

APEX RIVER AT APEX - STATION NO. 10UH002

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR JUN TO SEP FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1973	11.9 AT 21:08 EST ON JUN 28 *	9.40 ON JUN 28	0.1428 ON JUN 1	23 200	1973
1974	---	---	---	---	1974
1975	---	---	---	---	1975
1976	---	---	---	---	1976
1977	---	---	---	---	1977
1978	---	---	---	---	1978
1979	---	---	---	---	1979
1980	---	---	---	---	1980
1981	5.32 AT 23:59 EST ON JUN 25	4.47 ON JUN 26	---	---	1981
1982	5.08 AT 03:41 EST ON JUN 24	4.46 ON JUN 24	0.0108 ON JUN 1	11 900	1982
1983	---	10.9 E ON JUN 19	0 B ON JUN 1 *	13 100	1983
1985	---	7.20E ON JUN 7	0.671 ON AUG 21	18 200	1985
1986	---	11.3 ON JUN 19 *	0 B ON JUN 1	27 100	1986
				18 700	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ARCTIC RED RIVER NEAR THE MOUTH - STATION NO. 10LA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1968	---	---	---	---	---	---	---	---	77.0	46.0	24.4	16.4	---	1968
1969	12.3	9.65	8.38	9.72	---	238	225	577	308	72.6	33.0	19.8	---	1969
1970	13.2	11.1	11.2	12.9	117	670	---	---	---	103	35.3	16.6	---	1970
1971	13.0	12.0	11.5	11.4	---	---	292	537	280	82.9	34.3	19.7	---	1971
1972	12.1	8.95	8.95	19.0	163	706	263	269	200	58.7	22.0	19.2	146	1972
1973	16.4	12.4	---	---	---	489	292	488	222	69.5	13.3	9.32	---	1973
1974	8.31	7.82	7.53	9.00	18.8	---	---	970	216	56.5	21.7	21.1	---	1974
1975	20.4	18.9	17.2	15.4	781	823	325	---	259	84.7	13.2	8.04	---	1975
1976	7.75	7.85	8.65	11.8	493	524	249	320	154	83.9	30.7	15.1	158	1976
1977	14.0	12.7	12.0	12.3	385	345	218	107	53.5	42.4	19.2	14.0	104	1977
1978	12.1	10.5	8.64	9.06	85.9	787	388	227	139	66.6	24.3	15.9	149	1978
1979	12.5	11.4	11.2	11.8	445	372	442	301	230	136	25.8	15.4	169	1979
1980	13.4	12.3	10.8	15.3	491	358	190	---	172	72.7	22.3	15.8	---	1980
1981	13.5	11.8	10.8	11.5	124	452	577	295	148	84.4	19.3	11.8	151	1981
1982	10.2	8.71	8.49	12.7	269	784	391	282	125	56.8	28.5	20.5	168	1982
1983	15.8	13.3	12.1	18.9	180	558	258	316	165	64.5	26.1	17.8	138	1983
1984	12.5	11.0	10.9	15.8	447	509	441	526	227	48.3	25.3	20.9	192	1984
1985	15.2	13.0	12.2	14.0	323	382	210	167	192	53.7	17.7	17.3	117	1985
1986	17.9	16.5	13.5	12.4	58.0	661	300	441	232	83.6	28.8	23.2	156	1986
MEAN	13.4	11.7	10.8	13.1	291	519	318	388	189	70.9	24.5	18.7	150	MEAN

LOCATION - LAT 66 47 19 N
LONG 133 04 46 W
DRAINAGE AREA, 18 600 km^2
NATURAL FLOW

ARCTIC RED RIVER NEAR THE MOUTH - STATION NO. 10LA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1968	---	---	---	---	1968
1969	900 AT 21:00 MST ON AUG 22	875 ON AUG 23	8.01B ON MAR 28	---	1969
1970	7 650 ON JUL 22 *	---	---	---	1970
1971	---	1 120 ON AUG 12	11.2 B ON APR 17	---	1971
1972	---	1 380 ON JUN 5	8.50B ON MAR 2	4 600 000	1972
1973	---	---	---	---	1973
1974	---	---	---	---	1974
1975	1 530 AT 21:00 MST ON MAY 28	1 480 ON MAY 28	7.36B ON DEC 28	---	1975
1976	---	1 200 ON JUN 1	7.05B ON JAN 16 *	5 040 000	1976
1977	---	680B ON MAY 17	11.6 B ON APR 16	3 270 000	1977
1978	1 350 AT 12:20 MST ON JUN 3	1 330 ON JUN 3	8.61B ON MAR 2	4 690 000	1978
1979	1 150 AT 19:00 MST ON MAY 18	1 140 ON MAY 18	11.2 B ON MAR 11	5 330 000	1979
1980	1 310 AT 17:00 MST ON MAY 26	1 300 ON MAY 26	9.20B ON APR 5	---	1980
1981	1 160 AT 12:35 MST ON JUL 2	1 120 ON JUL 2	10.6 B ON MAR 22	4 780 000	1981
1982	---	1 610 ON JUN 4 *	8.30B ON FEB 25	5 290 000	1982
1983	1 160 AT 18:44 MST ON AUG 12	1 000B ON JUN 1	12.0 B ON MAR 15	4 340 000	1983
1984	---	1 050E ON JUN 17	10.8 B ON MAR 26	6 080 000	1984
1985	---	820B ON MAY 25	12.2 B ON MAR 14	3 690 000	1985
1986	1 580 AT 20:50 MST ON JUN 2	1 530A ON JUN 2	12.3 B ON APR 6	4 910 000	1986
				4 730 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORTHWEST TERRITORIES

ATITOK CREEK NEAR DISMAL LAKES - STATION NO. 10PC002

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	---	---	---	---	---	---	---	---	0.234	0.048	0	0	---	1979
1980	0	0	0	0	3.47	10.4	0.538	0.975	1.06	0.134	0.008	0	2.74	1980
1981	---	---	---	---	---	---	---	---	2.39	1.08	0.009	0	---	1981
1982	0	0	0	0	0.230	18.6	1.26	1.48	0.893	0.116	0	0	3.70	1982
1983	0	0	0	0	0.002	11.4	2.16	2.13	7.55	3.25	0.116	0	4.36	1983
1986	---	---	---	---	0	16.9	0.782	0.155	0.140	0.024	---	---	2.95	1986
MEAN	0	0	0	0	0.926	14.3	1.19	1.19	2.04	0.775	0.027	0	3.44	MEAN

LOCATION - LAT 67 12 52 N DRAINAGE AREA, 217 km²
LONG 116 36 32 W NATURAL FLOW

ATITOK CREEK NEAR DISMAL LAKES - STATION NO. 10PC002

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1979	---	---	---	---	1979
1980	52.9 AT 22:50 MST ON JUN 8	39.4 ON JUN 8	0B ON MAY 1 *	43 500	1980
1981	---	---	---	---	1981
1982	---	48.0B ON JUN 13	0B ON MAY 1	58 800	1982
1983	---	39.7B ON JUN 14	0B ON MAY 1	69 400	1983
1986	105 AT 20:53 MST ON JUN 17 *	72.1 ON JUN 17 *	0B ON MAY 1	46 800	1986
				54 600	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

BACK RIVER ABOVE HERMANN RIVER - STATION NO. 10RC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	43.3R	34.6R	32.7R	31.7R	31.0R	75.3R	2 430R	889	467	279R	149 R	103 R	386R	1965
1966	76.3R	60.3R	48.8R	41.0R	37.0R	660 R	2 040	772	1 400	858R	270 R	124 R	536R	1966
1967	67.6R	46.5R	39.1R	36.0R	34.4R	130 R	2 620R	1 180	794R	517R	224 R	127 R	490R	1967
1968	82.7R	66.8R	59.1R	55.5R	53.0R	198 R	2 480R	857	850	946R	306 R	156 R	513R	1968
1969	101 R	73.7R	60.4R	53.6R	49.2R	58.9R	2 720R	1 490	908	459R	203 R	117 R	530R	1969
1970	76.6R	55.4R	43.8R	38.8R	36.3R	1 250 R	1 360	739	1 790	987	347 R	164 R	575R	1970
1971	101 R	71.7R	52.8R	40.2R	32.1R	985 R	1 750R	859R	630R	399R	144 R	88.7R	433R	1971
1972	64.4R	52.0R	44.4R	39.6R	36.1R	150 R	3 650R	916	479	263R	132 R	79.2R	497R	1972
1973	51.8R	36.6R	28.8R	25.3R	37.9R	2 090 R	1 000	615	1 290	685R	195 R	94.8R	513R	1973
1974	61.9R	47.7R	40.1R	35.8R	33.3R	1 320 R	1 560	983	528R	210R	103 R	69.6R	418R	1974
1975	54.1R	46.1R	41.5R	38.6R	37.3R	1 810 R	1 770R	549R	414R	251R	117 R	67.8R	434R	1975
1976	45.8R	37.0R	32.8R	30.3R	29.2R	704 R	2 640R	798R	370R	183R	86.1R	53.5R	421R	1976
1977	38.0R	30.5R	27.7R	26.5R	25.8R	1 220 R	2 080R	791	600	417R	121 R	67.6R	456R	1977
1978	47.7R	40.4R	36.9R	34.9R	34.1R	64.8R	2 770R	1 230	493	224R	100 R	59.4R	434R	1978
1979	41.8R	34.3R	30.3R	28.0R	26.0R	359 R	2 410R	727	445	193R	87.7R	54.0R	374R	1979
1980	39.3R	32.3R	28.4R	26.2R	24.6R	1 240 R	1 160	592	639	303R	118 R	67.7R	356R	1980
1981	47.1R	37.5R	32.9R	29.8R	27.8R	1 200 R	1 560	753	454	322R	130 R	72.2R	381R	1981
1982	50.2R	40.5R	35.3R	32.2R	30.3R	779 R	2 390R	816	686	472R	125 R	70.8R	464R	1982
1983	48.8R	38.1R	34.0	31.9	31.0	1 420	2 470	996	1 120	609R	215 R	107 R	587R	1983
1984	65.0R	47.9R	40.1R	37.2R	36.7	1 950	1 740	897	851	401	201	110	532R	1984
1985	59.1	49.4	36.9	29.8	28.9	1 830	1 860	1 030	1 220	761	272	141	612	1985
1986	73.3	49.3	43.9	34.0	28.5	974	3 250	926	748	511	194	79.5	581	1986
MEAN	61.2R	46.6R	39.6R	35.3R	33.6R	931 R	2 170R	882R	781R	466R	175 R	94.3R	479	MEAN

LOCATION - LAT 66 05 10 N DRAINAGE AREA, 93 900 km²
LONG 86 30 15 W NATURAL FLOW

R - REVISED SINCE JAN 1986

REMARKS - PUBLISHED AS "BELOW DEEP ROSE LAKE" PRIOR TO 1986

BACK RIVER ABOVE HERMANN RIVER - STATION NO. 10RC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	4 050E ON JUL 10	30.6RB ON JUN 13	12 200 000R	1965
1966	---	3 820E ON JUL 1	36.0RB ON JUN 1	16 900 000R	1966
1967	4 760 AT 12:30 CST ON JUL 8	4 570R ON JUL 8	33.9RB ON JUN 11	15 500 000R	1967
1968	---	3 960RE ON JUL 5	51.2RB ON JUN 10	16 200 000R	1968
1969	5 090B AT 16:00 CST ON JUL 13	4 930RB ON JUL 13	46.0RB ON JUN 18	16 700 000R	1969
1970	3 110B AT 14:00 CST ON JUN 22	3 090RB ON JUN 22	35.6RB ON MAY 29	18 100 000R	1970
1971	---	3 500RE ON JUN 26	29.4RB ON MAY 31	13 600 000R	1971
1972	---	7 700RE ON JUL 2 *	33.7RB ON JUN 14	15 700 000R	1972
1973	4 230B AT 04:00 CST ON JUN 15	4 120RB ON JUN 15	24.0RB ON MAY 13 *	16 200 000R	1973
1974	---	3 030RE ON JUN 24	32.8RB ON MAY 31	13 200 000R	1974
1975	---	4 250RE ON JUN 23	37.0RB ON MAY 24	13 700 000R	1975
1976	---	4 300RE ON JUL 1	26.9RB ON JUN 4	13 300 000R	1976
1977	---	4 000RE ON JUN 26	25.6RB ON MAY 29	14 400 000R	1977
1978	---	4 500RE ON JUL 12	33.7RB ON JUN 10	13 700 000R	1978
1979	---	3 800RE ON JUL 3	25.0RB ON JUN 6	11 800 000R	1979
1980	---	3 000RE ON JUN 19	24.2RB ON MAY 27	11 300 000R	1980
1981	3 050 AT 01:15 CST ON JUN 25	2 980 ON JUN 25	27.0RB ON JUN 2	12 300 000R	1981
1982	4 670 AT 00:58 CST ON JUL 1	4 600R ON JUL 1	29.4RB ON JUN 4	14 600 000R	1982
1983	---	5 370 ON JUN 28	30.8B ON MAY 30	18 800 000R	1983
1984	4 930 AT 11:35 CST ON JUN 24	4 730 ON JUN 24	36.6B ON MAY 6	16 800 000R	1984
1985	5 190 AT 06:42 CST ON JUN 21	5 040 ON JUN 21	26.4B ON MAY 25	19 300 000	1985
1986	5 930 AT 10:40 CST ON JUN 30 *	5 840 ON JUN 30	27.8B ON MAY 12	18 300 000	1986
				15 100 000R	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1 1986

BACK RIVER BELOW BEECHY LAKE - STATION NO. 10RA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	9.63	5.62	4.80	3.88	3.31	92.7	426	185	87.0	33.7	6.56	2.20	72.6	1978
1979	0.301	0	0.008	0.840	3.57	337	384	151	90.9	46.1	9.68	1.43	85.8	1979
1980	0.108	0	0	0.119	92.0	213	106	85.3	108	48.2	11.6	2.41	55.6	1980
1981	0.044	0	0	0.006	51.7	412	313	150	128	90.4	36.8	9.14	99.5	1981
1982	2.54	0.717	0.238	0.311	0.886	131	246	148	154	58.2	18.7	8.15	64.3	1982
1983	2.03	0.123	0	0	0	319	342	239	240	143	23.9	1.90	110	1983
1984	0.066	0	0.003	2.20	42.2	653	345	241	161	84.1	12.8	0.731	128	1984
1985	0	0	0	1.89	20.7	433	290	247	252	126	42.7	16.8	119	1985
1986	3.75	0	0	0.620	22.0	1 180	412	162	189	98.6	45.9	19.1	178	1986
MEAN	2.05	0.829	0.561	1.11	26.3	419	318	179	157	80.9	23.2	8.66	101	MEAN

LOCATION - LAT 65 11 34 N LONG 106 04 38 W
DRAINAGE AREA, 19 600 km^2
NATURAL FLOW

BACK RIVER BELOW BEECHY LAKE - STATION NO. 10RA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	---	620E ON JUL 2	0.963B ON DEC 31	2 290 000	1978
1979	---	824A ON JUN 25	0 B ON JAN 21 *	2 710 000	1979
1980	---	313A ON MAY 31	0 B ON JAN 16	1 760 000	1980
1981	565 AT 23:20 MST ON JUN 6	560 ON JUN 7	0 B ON JAN 11	3 140 000	1981
1982	---	326E ON JUL 2	0.210B ON MAR 15	2 030 000	1982
1983	---	915B ON JUN 20	0 B ON FEB 18	3 460 000	1983
1984	1 010 AT 17:40 MST ON JUN 9 *	974 ON JUN 9	0 B ON JAN 15	4 060 000	1984
1985	606 AT 05:39 MST ON JUN 6	603 ON JUN 6	0 B ON JAN 1	3 780 000	1985
1986	---	1 800E ON JUN 8 *	0 B ON JAN 24	5 600 000	1986
				3 200 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BAILLIE RIVER NEAR THE MOUTH - STATION NO. 10RA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	---	---	---	---	15.0	5.86	1.44	---	1978
1979	0.071	0	0	0	---	---	---	41.6	26.8	13.4	5.17	1.36	---	1979
1980	0.134	0	0	0	12.1	102	45.7	21.8	49.9	8.33	1.61	0.140	20.1	1980
1981	0.001	0	0	0.004	141	263	121	61.5	34.8	25.6	5.08	0.371	52.8	1981
1982	0	0	0	0	0.590	170	108	60.3	121	45.4	11.6	5.15	43.5	1982
1983	0	0	0	0	1.10	607	150	185	158	79.1	16.5	2.17	101	1983
1984	0	0	0	0	147	707	122	91.1	76.3	59.0	19.8	0.803	101	1984
1985	0	0	0	0	4.95	304	139	133	85.8	25.0	1.57	0	57.9	1985
1986	0	0	0	0	1.64	837	171	67.1	98.1	45.6	2.48	0	101	1986
MEAN	0.026	0	0	0.001	44.1	427	122	81.4	81.1	35.2	7.89	1.27	68.2	MEAN

LOCATION - LAT 65 02 39 N LONG 104 30 45 W
DRAINAGE AREA, 14 500 km^2
NATURAL FLOW

NORTHWEST TERRITORIES

BAILLIE RIVER NEAR THE MOUTH - STATION NO. 10RA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	---	---	---	---	1978
1979	---	---	---	---	1979
1980	---	1960 ON JUN 5	0.0 ON JAN 20 *	634 000	1980
1981	---	4990 ON MAY 26	0.0 ON JAN 5	1 670 000	1981
1982	---	3920 ON JUN 23	0.0 ON JAN 1	1 370 000	1982
1983	---	1 8200 ON JUN 13	0.0 ON JAN 1	3 170 000	1983
1984	---	2 3900 ON JUN 1 *	0.0 ON JAN 1	3 200 000	1984
1985	---	5130 ON JUN 5	0.0 ON JAN 1	1 820 000	1985
1986	---	1 9200 ON JUN 6	0.0 ON JAN 1	3 190 000	1986
				2 150 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BAKER CREEK AT OUTLET OF LOWER MARTIN LAKE - STATION NO. 07SB013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	0.001	0.022	0.059	0.051	0.122	0.523	0.119	0.091	0.040	0.035	0.043	0.070	0.089	1983
1984	0.059R	0.051R	0.048R	0.167R	0.957R	0.195R	0.045R	0.023R	0.007R	0.006R	0.006R	0.004R	0.132R	1984
1985	0	0	0	0	2.56	1.29	0.107	0.006	0.002	0.002	0.004	0.007	0.336	1985
1986	0.005	0.002	0	0	1.20	0.984	0.108	0.005	0.005	0.003	0	0	0.194	1986
MEAN	0.018R	0.021R	0.027R	0.055R	1.21 R	0.749R	0.095R	0.032R	0.014R	0.012R	0.014R	0.020R	0.190	MEAN

LOCATION - LAT 62 30 46 N
LONG 114 24 13 W
DRAINAGE AREA, 121 km^2
NATURAL FLOW

R - REVISED SINCE JAN 1986

BAKER CREEK AT OUTLET OF LOWER MARTIN LAKE - STATION NO. 07SB012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	---	0.784 ON JUN 15	0E ON JAN 1 *	3 130	1983
1984	1.39R AT 15:57 MST ON MAY 7	1.38 R ON MAY 8	0RB ON DEC 26	4 170R	1984
1985	4.48 AT 10:00 MST ON MAY 19 *	4.45 ON MAY 17 *	0E ON JAN 1	10 800	1985
1986	2.42 AT 15:13 MST ON MAY 27	2.37 ON MAY 32	0E ON FEB 18	6 130	1986
				6 000R	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1 1986

BAKER CREEK MAIN STEM NEAR YELLOWKNIFE - STATION NO. 07SB009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1968	---	---	---	---	---	1.03	0.362	0.078	0.059	0.048	---	---	---	1968
1969	---	---	---	---	0.686	0.591	0.171	0.091	0.398	0.437	---	---	---	1969
1970	---	---	---	---	---	0.648	0.286	0.168	---	---	---	---	---	1970
1971	---	---	---	---	---	0.532	0.126	0.014	0.003	---	---	---	---	1971
1972	0	0	0	0	0.318	0.485	0.178	0.038	0.011	0.009	0.006	0.001	0.087	1972
1973	0	0	0	0.002	0.651	0.498	0.146	0.037	0.021	0.024	---	---	---	1973
1974	0	0	0	0.002	0.414	0.707	0.640	0.457	0.422	0.469	0.378	0.181	0.308	1974
1975	0.188	0.095	0.011	0.211	2.57	0.659	0.109	0.021	0.010	0.010	0.012	0.007	0.335	1975
1976	0.001	0	0.006	0.223	1.03	0.587	0.174	0.027	0.033	0.022	0.006	0	0.178	1976
1977	0	0	0	0.041	0.306	0.265	0.063	0.002	0.001	0.007	0	0	0.058	1977
1978	0	0	0	0.009	0.568	0.422	0.192	0.058	0.016	0.022	0.026	0.014	0.112	1978
1979	0	0	0	0.001	0.234	0.919	0.224	0.045	0.024	0.032	0.039	0.030	0.129	1979
1980	0.021	0.011	0.003	0.091	0.419	0.850	0.278	0.041	0.012	0.010	0.005	0.002	0.163	1980
1981	0	0	0	0.004	0.181	0.154	0.074	0.009	0.006	0.013	0.001	0.001	0.037	1981
1982	0	0	0	0.010	0.188	0.873	0.176	0.006	0.012	0.002	0	0	0.105	1982
MEAN	0.017	0.010	0.002	0.052	0.639	0.615	0.213	0.073	0.072	0.085	0.047	0.028	0.149	MEAN

LOCATION - LAT 62 30 30 N
LONG 114 21 38 W
DRAINAGE AREA, 126 km^2
NATURAL FLOW

BAKER CREEK MAIN STEM NEAR YELLOWKNIFE - STATION NO. 07SB005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1968	---	1.38 ON JUN 3	---	---	1968
1969	---	0.812 ON MAY 25	---	---	1969
1970	---	0.898 ON MAY 30	---	---	1970
1971	---	---	---	---	1971
1972	0.645 ON JUN 4	0.646 ON JUN 4	0B ON JAN 1 *	2 770	1972
1973	---	0.955 ON MAY 21	0B ON JAN 1	---	1973
1974	---	1.04 ON MAY 31	0B ON JAN 1	9 710	1974
1975	4.19 AT 20 00 MST ON MAY 11 *	4.15 ON MAY 11 *	0B ON MAR 19	10 600	1975
1976	---	1.26 ON MAY 14	0B ON JAN 11	5 570	1976
1977	---	0.382 ON MAY 27	0B ON JAN 1	1 820	1977
1978	0.883 AT 02 45 MST ON MAY 18	0.784 ON MAY 18	0B ON JAN 1	2 510	1978
1979	1.30 AT 15 15 MST ON JUN 3	1.28 ON JUN 3	0B ON JAN 1	4 080	1979
1980	1.00 AT 13 30 MST ON JUN 5	0.988 ON JUN 5	0B ON MAR 31	4 530	1980
1981	---	0.2808 ON MAY 18	0B ON JAN 1	1 170	1981
1982	1.15 AT 18 15 MST ON JUN 8	1.14 ON JUN 9	0B ON JAN 14	3 310	1982
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		4 710	MEAN

BEAULIEU RIVER NEAR GREAT SLAVE LAKE - STATION NO. 07SC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1937	---	---	---	---	---	---	---	24.9	---	---	---	---	---	1937
MEAN	---	---	---	---	---	---	---	24.9	---	---	---	---	---	MEAN

LOCATION - LAT 62 03 00 N LONG 112 11 30 W
DRAINAGE AREA, 2 850 km^2
NATURAL FLOW

BIG RIVER ABOVE EGG RIVER - STATION NO. 10TA001

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR JUN TO SEP IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	---	---	---	5.44	1.35	0.582	0.023	0	0	---	1975
1976	0	0	0	0	0.831	56.8	17.4	1.46	0	0	0	0	10.2	1976
1977	0	0	0	0	0	74.4	9.80	1.31	0.424	0	0	0	21.2	1977
1978	0	0	0	0	0	---	---	1.94	0.340	0	0	0	---	1978
1979	0	0	0	0	0	4.90	40.1	2.84	0.276	0	0	0	12.2	1979
1980	0	0	0	0	0	40.4	27.8	2.97	1.35	0	0	0	10.0	1980
1981	0	0	0	0	0	43.1	13.5	8.64	10.6	4.37	0.016	0	20.8	1981
1983	0	0	0	0	0	86.1	7.52	2.99	3.61	0.129	0	0	24.5	1983
1984	0	0	0	0	1.10	94.0	7.83	2.71	1.76	0.201	0	0	26.2	1984
1985	0	0	0	0	0	83.7	29.4	3.83	0.782	0.002	0	0	27.9	1985
MEAN	0	0	0	0	0.215	60.3	17.2	2.96	2.68	0.473	0.002	0	21.2	MEAN

LOCATION - LAT 72 29 02 N LONG 123 24 14 W
DRAINAGE AREA, 3 640 km^2
NATURAL FLOW

BIG RIVER ABOVE EGG RIVER - STATION NO. 10TA001

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR JUN TO SEP FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1975	---	---	---	---	1975
1976	---	123 ON JUN 15	0 B ON AUG 25 *	198 000	1976
1977	256A AT 15 30 MST ON JUN 6 *	263 A ON JUN 6	0 B ON JUN 1	224 000	1977
1978	---	---	0 B ON JUN 1	---	1978
1979	---	91.5E ON JUL 3	0 B ON JUN 1	126 000	1979
1980	---	141 A ON JUN 24	0 B ON JUN 1	190 000	1980
1981	---	136 E ON JUN 19	0 B ON JUN 1	219 000	1981
1983	---	453 A ON JUN 10 *	0 B ON JUN 1	256 000	1983
1984	---	200 B ON JUN 6	0.729B ON SEP 30	277 000	1984
1985	---	430 B ON JUN 25	0 B ON JUN 1	294 000	1985
A - MANUAL GAUGE (SEE REFERENCE INDEX)	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		224 000	MEAN

BIG SMITH CREEK NEAR MACKENZIE HIGHWAY - STATION NO. 10HC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	...	0.190	0.111	...	...	...	...	...	5.69	3.42	1.03	0.464	...	1973
1974	0.272	0.222	0.209	0.286	48.5	14.4	7.55	21.1	5.61	3.14	1.37	0.590	6.99	1974
1975	0.317	0.207	0.183	...	...	7.63	1.67	...	...	...	...	0.426	...	1975
1976	0.272	0.220	0.185	0.870	33.7	6.90	...	...	0.587	0.625	...	...	...	1976
1977	...	...	...	...	...	9.50	7.48	0.790	0.473	0.519	0.405	0.311	...	1977
1978	0.023	0.004	0	0.078	13.2	21.1	4.76	1.88	1.65	1.51	0.754	0.432	2.79	1978
1979	0.313	0.115	0.028	0.066	32.1	9.20	1.76	0.772	1.27	2.87	0.751	0.461	3.93	1979
1980	0.330	0.283	0.178	0.314	25.8	9.25	1.61	0.85	8.37	2.83	0.968	0.418	4.44	1980
1981	...	...	...	...	...	3.89	4.07	1.24	0.936	4.35	1.20	0.462	...	1981
1982	0.084	0	0	0.070	37.5	29.2	4.22	16.5	3.87	3.53	1.99	0.700	8.26	1982
1983	0.087	0	0	0.220	16.5	30.5	3.53	1.13	1.07	0.946	0.567	0.216	4.46	1983
1984	0.042	0	0	0.356	38.8	9.11	8.85	30.0	34.2	5.85	1.53	0.853	10.8	1984
1985	0.393	0.314	0.291	0.074	31.6	11.4	4.16	1.89	2.60	2.39	0.789	0.586	4.74	1985
1986	0.429	0.338	0.270	0.349	41.5	35.4	9.02	6.84	9.84	2.22	0.7890	0.6038	7.648	1986
MEAN	0.233	0.186	0.119	0.248	31.9	13.8	4.47	8.26	5.68	2.61	1.00 B	0.4788	5.35	MEAN

LOCATION - LAT 64 25 46 N LONG 124 50 13 W
DRAINAGE AREA, 984 km²
NATURAL FLOW

B - REVISED SINCE JAN 1986

BIG SMITH CREEK NEAR MACKENZIE HIGHWAY - STATION NO. 10HC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1973	...	...	...	...	1973
1974	...	286 E ON MAY 18 ◇	0.1078 ON MAR 9	277 000	1974
1975	...	...	0.1539 ON FEB 28	...	1975
1976	...	194 ON MAY 6	...	...	1976
1977	...	...	...	...	1977
1978	99.5 AT 08:50 MST ON JUN 10	97.9 ON JUN 10	0 B ON MAR 7 ◇	120 000	1978
1979	95.6 AT 09:00 MST ON MAY 19	95.4 ON MAY 18	0.0109 ON APR 4	134 000	1979
1980	82.4 AT 07:00 MST ON MAY 13	81.1 ON MAY 13	0.1200 ON APR 13	141 000	1980
1981	...	...	...	...	1981
1982	149 AT 07:30 MST ON MAY 24 ◇	143 ON MAY 24	0 B ON JAN 23	283 000	1982
1983	116 AT 04:02 MST ON MAY 31	112 ON MAY 31	0 B ON JAN 23	161 000	1983
1984	...	98.00 ON MAY 9	0 B ON JAN 24	242 000	1984
1985	110 AT 17:09 MST ON MAY 18	108 ON MAY 18	0.0208 ON APR 18	169 000	1985
1986	112 AT 00:22 MST ON MAY 22	105 ON MAY 21	0.2450 ON MAR 30	247 0000	1986
				200 0000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
◇ - EXTREME RECORDED FOR THE PERIOD OF RECORD
B - REVISED SINCE JAN 1 1988

BIRCH RIVER AT HIGHWAY NO. 7 - STATION NO. 10ED003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	...	...	...	...	...	...	...	...	...	...	0.197	0.072	...	1974
1975	0.045	0.020	0.0038	5.47 B	7.45	1.43	0.287	11.4	4.60	2.50	0.319	0.102	2.92 B	1975
1976	0.076	0.054	0.025	8.92	11.5	2.90 B	1.17 B	5.19 B	5.22	1.39	0.322	0.0280	3.17 B	1976
1977	0.0028	0.0028	0.0020	1.20 B	12.5	6.56	2.32	0.907	0.926	0.697	0.323	0.068	2.10 B	1977
1978	0.027	0.006	0.006	0.782	9.00	1.76	1.01	0.463	0.243	0.383	0.146	0.050	1.22	1978
1979	0.023	0.012	0.011	0.263	23.6	4.21	1.09	0.587	1.05	1.38	0.093	0.001	2.73	1979
1980	0.001	0.001	0.0015	1.72	1.15	0.128	0.571	0.102	0.737	0.902	0.107	0.002	0.4519	1980
1981	0.002	0.002	0.002	0.011	14.3	0.946	0.061	0.013	0.838	2.06	0.547	0.164	1.97	1981
1982	0.043	0.017	0.0040	0.6178	22.7	3.12	0.232	3.29	1.91	2.28	0.588	0.234	3.86 B	1982
1983	0.076	0.030	0.018	2.31	24.3	5.72	0.231	0.198	0.887	0.680	0.064	0.0080	3.76 B	1983
1984	0	0	0	1.25	1.48	0.217	2.96	0.938	3.64	2.17	0.165	0.068	1.17	1984
1985	0.046	0.014	0.030	0.078	11.0	2.19	0.481	1.14	0.571	0.630	0.121	0.076	1.38	1985
1986	0.044	0.036	0.033	0.048	13.7	3.75	0.93	5.42	2.71	2.89	0.868	0.093	3.23	1986
MEAN	0.0329	0.0169	0.0138	1.90 B	12.8	3.64 B	1.72 B	2.43 B	1.91	1.55	0.285	0.0758	2.13	MEAN

LOCATION - LAT 61 20 13 N LONG 122 09 12 W
DRAINAGE AREA, 942 km²
NATURAL FLOW

B - REVISED SINCE JAN 1986

REMARKS - FORMERLY PUBLISHED AS "AT FORT LIARD HIGHWAY"

DISCO RIVER AT HIGHWAY NO. 7 - STATION NO. 10ED003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	99.0 AT 12 30 MDT 09 AUG 8	24.6 ON AUG 8	0.001RB ON MAR 21	92 000R	1975
1976	80.6 B AT 10 30 MDT 09 APR 29	80.6 B ON APR 29	0.002RB ON DEC 19	100 000R	1976
1977	63.9 AT 10 00 MDT 09 MAY 16	42.5 ON MAY 14	0.002RB ON JAN 1	66 200R	1977
1978	---	19.6 B ON MAY 3	0.008B ON FEB 4	38 500	1978
1979	87.8 AT 13 30 MDT 09 MAY 20 *	81.3 ON MAY 20 *	0.001B ON DEC 1	86 000	1979
1980	---	5.88B ON APR 22	0.001B ON JAN 1	14 300R	1980
1981	---	60.0 B ON MAY 5	0.001 ON AUG 24	49 500	1981
1982	67.6 AT 07 53 MDT 09 MAY 17	47.1 ON MAY 17	0.001B ON MAR 16	90 200R	1982
1983	38.0 AT 18 05 MDT 08 MAY 16	37.2 ON MAY 16	0.001RB ON DEC 27	87 700R	1983
1984	9.82 AT 08 09 MDT 09 JUL 4	9.44 ON JUL 4	0 B ON JAN 1 *	37 000	1984
1985	---	27.3 ON MAY 12	0.002B ON FEB 11	43 500	1985
1986	61.4 AT 17 18 MDT 09 MAY 9	39.2 ON MAY 10	0.030B ON APR 6	102 000	1986
				67 200R	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1 1986

BLACKWATER RIVER AT BLACKWATER LAKE - STATION NO. 10HC005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1985	---	---	---	---	---	252	93.6	69.7	73.3	43.3	18.6	7.81	---	1985
MEAN	---	---	---	---	---	252	93.6	69.7	73.3	43.3	18.6	7.81	---	MEAN

LOCATION - LAT 61 06 23 N
LONG 119 50 09 W

BLACKWATER RIVER AT BLACKWATER LAKE - STATION NO. 10HC005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1986	---	465A ON JUN 3 *	---	---	1986
				---	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX)
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BLACKWATER RIVER NEAR THE MOUTH - STATION NO. 10HC005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	179	82.4	24.8	14.1	8.47	3.67	1.80	---	1983
1984	0.81	0.39	0.756	5.85	85.8	46.4	78.8	127	182	83.3	34.5	15.7	53.7	1984
1985	7.97	6.95	3.57	3.60	213	218	83.2	42.6	38.4	23.8	6.80	4.78	84.3	1985
MEAN	4.39	3.67	2.16	4.48	149	147	74.8	64.7	71.5	38.5	15.1	7.43	84.0	MEAN

LOCATION - LAT 63 05 41 N
LONG 126 03 56 W
DRAINAGE AREA, 10 400 km^2
NATURAL FLOW

BLACKWATER RIVER NEAR THE MOUTH - STATION NO. 10HC005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	291 AT 04 31 MDT 08 MAY 31 E	253 ON JUN 1	---	---	1983
1984	200 AT 11 45 MDT 09 SEP 8	202 ON SEP 5	0.600B ON MAR 25 *	1 700 000	1984
1985	---	400E ON MAY 25 *	2.80 B ON APR 20	1 710 000	1985
				1 710 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

EAST CREEK NEAR INUVIK - STATION NO. 10LC010

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	0	0	0	0	1.17	0.247	0.173	0.110	0.058	0.034	0.001	0	0.300	1981
1982	0	0	0	0	0.168	1.02	0.038	0.002	0	0	0	0	0.201	1982
1983	0	0	0	0	0.239	0.821	0.023	0.001	0	0	0	0	0.178	1983
1985	0	0	0	0	0.315	0.136	0.011	0	0	0	0	0	0.077	1985
1986	0	0	0	0	0	0.394	0.020	0.003	0.017	0.003	0	0	0.071	1986
MEAN	0	0	0	0	0.378	0.524	0.053	0.023	0.015	0.007	0	0	0.165	MEAN

LOCATION - LAT 68 21 40 N
LONG 133 39 30 W
DRAINAGE AREA, 28.2 km^2
NATURAL FLOW

ROOT CREEK NEAR INUVIK - STATION NO. 10LC010

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	---	4.580 ON MAY 21 *	0B ON MAY 1 *	4 760	1981
1982	---	2.620 ON JUN 3	0B ON MAY 1	3 190	1982
1983	---	4.200 ON JUN 1	0B ON MAY 1	2 830	1983
1985	---	1.250 ON MAY 22	0B ON MAY 1	1 230	1985
1986	1.35 AT 19:35 MST ON JUN 4 *	1.27 ON JUN 5	0B ON MAY 1	1 130	1986
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 630	MEAN

BOSWORTH CREEK AT NORMAN WELLS - STATION NO. 10KA003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	1.08	2.53	---	---	---	---	---	1974
1975	---	---	---	---	---	---	---	0.242	0.306	---	---	---	---	1975
1976	---	---	---	---	2.39	0.574	0.240	0.193	0.236	---	---	---	---	1976
1977	0	0	0	0.256	2.26	0.353	0.336	0.142	0.118	0.134	0.064	0.009	0.309	1977
1978	---	---	---	---	1.09	1.35	0.474	0.413	0.258	0.200	---	---	---	1978
1979	---	---	---	---	3.01	0.584	0.430	0.243	0.256	---	---	---	---	1979
MEAN	0	0	0	0.256	2.19	0.720	0.508	0.627	0.245	0.167	0.064	0.009	0.309	MEAN

LOCATION - LAT 65 17 26 N DRAINAGE AREA, 122 km^2
LONG 126 52 26 W NATURAL FLOW

BOSWORTH CREEK AT NORMAN WELLS - STATION NO. 10KA003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	0B ON FEB 26 *	---	1974
1975	---	---	---	---	1975
1976	---	4.530 ON MAY 7	---	---	1976
1977	---	7.310 ON MAY 6 *	0B ON JAN 1	9 780	1977
1978	---	4.130 ON MAY 19	---	---	1978
1979	---	---	---	---	1979
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		9 780	MEAN

BOSWORTH CREEK NEAR NORMAN WELLS - STATION NO. 10KA007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	3.00R	0.833R	0.333R	0.645R	0.423R	0.359R	---	---	---	1980
1981	---	---	---	---	---	1.01 R	0.787R	0.438R	0.271R	0.400R	0.189R	0.024R	---	1981
1982	0.425R	0.234R	0.100R	0.075R	4.19R	1.44 R	0.585R	1.03 R	0.667R	0.561R	0.444R	0.398R	0.853R	1982
1983	0.368R	0.351R	0.340R	0.859R	3.84R	1.77 R	0.381R	0.290R	0.260R	0.256R	0.246R	0.203R	0.787R	1983
1984	0.122R	0.081R	0.072R	0.354R	1.59R	0.570R	0.347R	0.409R	0.344R	0.468R	0.281R	0.220R	0.448R	1984
1985	0.195	0.190	0.191	0.210	4.62	1.08	0.443	0.354	0.404	0.338	0.194	0.158	0.706	1985
1986	0.189	0.216	0.164	0.128	4.33	1.40	0.376	0.345	0.486	0.316	0.194	0.163	0.698	1986
MEAN	0.260R	0.214R	0.173R	0.325R	3.60R	1.16 R	0.464R	0.602R	0.479R	0.368R	0.258R	0.194R	0.694	MEAN

LOCATION - LAT 65 19 44 N DRAINAGE AREA, 109 km^2 R - REVISED SINCE JAN 1986
LONG 126 53 02 W NATURAL FLOW

BOSWORTH CREEK NEAR NORMAN WELLS - STATION NO. 10KA007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	9.10RB ON MAY 13	---	---	1980
1981	---	---	---	---	1981
1982	---	10.6 R ON MAY 29	0.047RB ON APR 11 *	26 900R	1982
1983	---	15.3 R ON MAY 28 *	0.160RB ON DEC 31	24 200R	1983
1984	---	2.74RB ON MAY 6	0.070RB ON MAR 5	14 200R	1984
1985	13.8 AT 22:36 MST ON MAY 17 *	11.1 ON MAY 17	0.184B ON DEC 26	22 300	1985
1986	---	8.13B ON MAY 10	0.122B ON APR 19	22 000	1986
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 1 1986		21 900R	MEAN

BROWN RIVER ABOVE BROWN LAKE - STATION NO. 06BA006

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1986	0	0	0	0	0	57.4	76.0	8.32	7.55	2.52	---	---	25.2	1986
MEAN	0	0	0	0	0	57.4	76.0	8.32	7.55	2.52	---	---	25.2	MEAN

LOCATION - LAT 65 02 34 N, LONG 91 50 00 W. DRAINAGE AREA, 2 040 km². NATURAL FLOW

BROWN RIVER ABOVE BROWN LAKE - STATION NO. 06BA006

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1986	553 AT 07:40 CST ON JUN 28 *	412 ON JUN 29 *	0.0 ON MAY 1 *	402 000	1986
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		402 000	MEAN

BUFFALO RIVER AT HIGHWAY NO. 5 - STATION NO. 07PA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	0.236R	0.045R	0.037	7.77 R	185 R	127	64.1R	31.7R	13.1 R	5.41R	1.43 R	0.115R	35.3R	1969
1970	0	0	0	1.56	112	124	58.6	30.2	17.0	17.3	7.08 R	0.236	30.0R	1970
1971	0	0	0	6.40	103	46.8R	25.8R	14.7R	5.73	7.89	0.498	0.027	17.7R	1971
1972	0	0	0	0.253R	102 R	101	65.5	40.3	22.9 R	11.8 R	2.83 R	0.314R	29.0R	1972
1973	0.261	0.133	0.052	0.823	96.4	95.3	120	156	173	102 R	19.5 R	7.74 R	64.3R	1973
1974	3.83 R	0.244R	0	0.272R	202 R	186	131	91.5	66.9	41.4	24.0	47.0	66.9R	1974
1975	4.66	0.255	0.031	5.10	132	176	146	87.0	169	137	56.8	36.2	78.5	1975
1976	18.7	3.37	0.323	42.4	160	178	147	93.9	76.5	50.5	11.6	2.21	67.6	1976
1977	0.612	0.081	0.003	7.34	102	107	104	122	86.9	68.0	21.7	7.46	52.7	1977
1978	0.240	0.044	0.004	1.63	60.8	83.5	69.1	63.0	62.9	66.9	32.3	40.0	43.8	1978
1979	10.8	0.616	0.002	0.052	101 R	240 R	133 R	85.3R	64.8	38.3	9.83	3.27	54.3R	1979
1980	0.045	0	0	11.7	41.9	28.4R	14.9R	10.7R	13.5	17.3	6.37	0.515	12.3R	1980
1981	0	0	0	0.976	66.7	56.0	38.3	21.1	11.8	7.75	0.194R	0.048	18.9R	1981
1982	0.007	0	0	0.833	95.6	110	61.4	36.3	21.7	17.0	1.46	0.051	27.2	1982
1983	0.019	0.001	0	3.76	83.5	97.1	56.6	35.3	19.1	12.3	3.87	0.204	26.1	1983
1984	0.015	0	0	14.9	47.8R	71.4R	103	79.3	104	76.6	35.1	35.7	47.8R	1984
1985	5.81	0.806	0.045	0.316	288	223	129	80.0	113	84.4	29.3	38.7	82.6	1985
1986	6.71	2.58	0.705	0.506	227	293	239	103	117	72.9	28.9	14.6	97.8	1986
MEAN	2.89 R	0.454R	0.067	5.92 R	123 R	130 R	94.1R	66.8R	63.5 R	48.3 R	16.6 R	13.0 R	47.3	MEAN

LOCATION - LAT 60 42 44 N, LONG 114 54 11 W. DRAINAGE AREA, 18 000 km². NATURAL FLOW. R - REVISED SINCE JAN 1986

BUFFALO RIVER AT HIGHWAY NO. 5 - STATION NO. 07PA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	210 AT 19:00 MST ON MAY 16	206 R ON MAY 16	0 B ON DEC 27 *	1 110 000R	1969
1970	198 AT 13:30 MST ON JUN 5	173 ON JUN 5	0 B ON JAN 1	845 000R	1970
1971	124 AT 08:00 MST ON MAY 22	121 ON MAY 11	0 B ON JAN 1	559 000R	1971
1972	159 AT 21:00 MST ON MAY 23	150 ON MAY 26	0 ON JAN 1	917 000R	1972
1973	228 AT 19:00 MST ON SEP 9	205 ON SEP 9	0.0288 ON MAR 20	2 030 000R	1973
1974	376 AT 09:00 MST ON MAY 22	258 ON MAY 24	0 BB ON FEB 28	2 110 000R	1974
1975	211 AT 03:00 MST ON SEP 9	197 ON SEP 9	0 B ON MAR 17	2 510 000	1975
1976	263 AT 21:30 MST ON JUL 3	232 ON JUL 3	0.1138 ON MAR 30	2 140 000	1976
1977	150 AT 01:00 MST ON JUN 24	141 ON JUN 23	0 B ON MAR 12	1 880 000	1977
1978	110 AT 06:00 MST ON OCT 10	99.7 ON OCT 10	0 B ON MAR 16	1 380 000	1978
1979	---	376 BE ON JUN 2	0 B ON MAR 5	1 710 000R	1979
1980	58.6 AT 21:00 MST ON MAY 3	55.5 ON MAY 3	0 B ON JAN 12	389 000R	1980
1981	82.9 AT 10:00 MST ON MAY 15	82.1 ON MAY 15	0 B ON JAN 1	534 000R	1981
1982	---	183 E ON MAY 28	0 B ON JAN 17	857 000	1982
1983	118 AT 02:45 MST ON JUN 17	114 ON JUN 7	0 B ON FEB 12	835 000	1983
1984	154 AT 19:44 MST ON JUL 17	130 ON JUL 17	0 B ON JAN 31	1 510 000R	1984
1985	---	332 ON MAY 26	0.0108 ON MAR 13	2 610 000	1985
1986	390 AT 21:44 MST ON JUN 2 *	357 ON JUN 2 *	0.0108 ON APR 15	3 080 000	1986
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 1 1988		1 490 000R	MEAN

NORTHWEST TERRITORIES

BURNSIDE RIVER NEAR THE MOUTH - STATION NO. 10QC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	---	---	---	---	---	---	---	---	---	1976
1977	7.19	4.31	3.92	4.76	13.4	192	252	163	102	58.6	31.8	17.5	69.7	1977
1978	11.9	9.80	8.85	8.23	30.2	184	488	283	118	42.0	29.7	22.7	100	1978
1979	15.3	8.50	2.97	6.72	10.9	192	349	156	100	40.8	20.7	9.10	76.8	1979
1980	3.16	1.78	1.51	1.86	25.0	343	183	132	87.1	22.3	12.6	5.59	67.3	1980
1981	3.33	2.73	---	---	---	---	340	185	359	168	34.8	12.4	---	1981
1982	5.71	3.62	2.98	4.26	---	---	305	223	167	76.3	9.91	4.67	---	1982
1983	2.52	0.880	0.001	0	5.40	613	452	256	306	127	33.9	29.9	153	1983
1984	28.7	25.8	21.2	17.9	84.5	749	382	337	210	98.7	42.1	23.2	165	1984
1985	9.48	6.76	6.00	8.75	274	887	358	283	249	126	41.8	17.4	187	1985
1986	15.8	15.8	15.1	14.4	14.3	776	613	292	176	83.6	46.1	24.9	199	1986
MEAN	10.3	7.74	6.65	7.21	52.3	490	360	217	178	83.6	30.3	16.6	132	MEAN

LOCATION - LAT 68 44 10 N
LONG 108 49 06 W
DRAINAGE AREA, 15 800 km²
NATURAL FLOW

BURNSIDE RIVER NEAR THE MOUTH - STATION NO. 10QC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1976	---	---	---	---	1976
1977	---	3240 ON JUN 29	3.4588 ON MAR 12	3 200 000	1977
1978	---	5800 ON JUL 2	8.078 OR APR 20	3 180 000	1978
1979	---	7080 ON JUN 30	2.738 ON MAR 16	2 420 000	1979
1980	---	4900 ON JUN 15	1.488 ON MAR 19	2 130 000	1980
1981	573 AT 13 10 MST ON JUL 11	558 ON JUL 11	---	---	1981
1982	---	---	2.888 ON MAR 31	---	1982
1983	---	9860 ON JUN 14	0.0 B ON MAR 3 *	4 810 000	1983
1984	---	9500 ON JUN 7	14.0 B ON DEC 31	9 230 000	1984
1985	---	1 8500 ON JUN 4	8.008 ON MAR 1	5 910 000	1985
1986	3 040 AT 05 33 MST ON JUN 24 *	3 950 ON JUN 24 *	13.7 B ON MAY 17	5 010 000	1986
				3 880 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1 1986

CABIN CREEK ABOVE DEMPSTER HIGHWAY - STATION NO. 10LC009

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	0.726	0.192	0.216	0.312	0.023	0	0	---	1980
1981	0	0	0	0	3.86	1.01	1.37	0.654	0.671	0.454	0.067	0	1.38	1981
1983	0	0	0	0	0.915	2.40	0.089	0.030	0.028	0.005	0	0	0.571	1983
1984	0	0	0	0	2.41	1.16	0.049	0.723	0.451	0.028	0	0	0.604	1984
1985	0	0	0	0	2.60	0.673	0.310	0.116	0.062	0.015	0	0	0.635	1985
1986	0	0	0	0	0	3.11	0.124	0.150	0.401	0.087	0	0	0.634	1986
MEAN	0	0	0	0	1.96	1.51	0.339	0.348	0.334	0.102	0.011	0	0.805	MEAN

LOCATION - LAT 68 15 38 N
LONG 133 15 18 W
DRAINAGE AREA, 133 km²
NATURAL FLOW

CABIN CREEK ABOVE DEMPSTER HIGHWAY - STATION NO. 10LC009

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1980	---	---	---	---	1980
1981	---	10.6 ON MAY 31	0.0 ON OCT 15 *	---	1981
			0.0 ON MAY 1	21 800	
1983	---	20.00 ON MAY 31 *	0.0 ON MAY 1	9 070	1983
1984	---	12.00 ON MAY 22	0.0 ON MAY 1	12 800	1984
1985	---	11.00 ON MAY 22	0.0 ON MAY 1	10 100	1985
1986	---	17.00 ON JUN 3	0.0 ON MAY 1	10 100	1986
				12 800	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CAMERON RIVER BELOW REID LAKE - STATION NO. 07SB010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	---	---	---	---	7.29	3.81	2.18	1.46	0.58	---	1975
1976	5.79	4.87	3.83	3.35	9.10	9.20	5.31	3.12	2.19	1.60	1.39	1.29	4.25	1976
1977	1.12	0.970	0.841	0.768	1.40	1.05	0.519	0.261	0.382	0.756	1.14	1.48	0.891	1977
1978	1.40	1.06	0.895	0.775	1.91	1.82	2.43	3.06	2.39	2.32	1.88	1.58	1.80	1978
1979	1.27	0.870	0.674	0.416	1.44	5.06	4.69	3.49	2.84	2.80	2.71	2.44	2.39	1979
1980	2.11	1.82	1.50	1.28	3.93	13.5	9.75	5.95	3.87	3.26	3.01	2.73	4.39	1980
1981	2.26	1.86	1.50	1.42	2.12	2.48	2.97	2.56	2.11	2.02	2.01	1.80	2.11	1981
1982	1.65	1.31	1.21	1.03	2.41	11.2	12.3	6.33	4.37	3.50	2.91	2.47	4.24	1982
1983	2.36	2.03	1.58	1.31	1.87	3.65	4.10	9.42	11.8	13.1	13.9	11.2	6.39	1983
1984	8.39	6.76	5.36	5.00	14.9	18.2	21.2	14.4	9.21	7.67	6.98	5.78	10.4	1984
1985	4.82	4.05	3.55	3.60	15.0	26.9	19.6	11.6	7.82	6.26	5.74	5.21	8.56	1985
1986	4.58	3.92	3.38	3.23	7.34	25.0	31.4	18.2	11.2	7.44	6.33	4.30	10.5	1986
MEAN	3.25	2.68	2.21	2.11	5.58	10.7	10.4	7.14	5.67	4.91	4.54	3.91	5.17	MEAN

LOCATION - LAT 62 59 40 N LONG 113 17 05 W DRAINAGE AREA, 3 830 km²
NATURAL FLOW

CAMERON RIVER BELOW REID LAKE - STATION NO. 07SB010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1975	---	---	---	---	1975
1976	---	10.2 ON JUN 12	1.25 B ON DEC 30	134 000	1976
1977	---	1.66 ON MAY 30	0.198 ON AUG 31 *	28 100	1977
1978	3.45 AT 15 30 MST ON AUG 10	3.34 ON AUG 8	0.7368 ON APR 28	56 800	1978
1979	5.09 AT 14 36 MST ON JUN 29	5.97 ON JUN 29	0.3888 ON APR 24	75 400	1979
1980	---	15.1 ON JUN 10	0.9668 ON APR 15	139 000	1980
1981	3.39 AT 11 43 MST ON JUL 12	3.25 ON JUL 12	1.35 B ON APR 12	66 700	1981
1982	---	15.8 ON JUL 2	0.887 ON APR 25	134 000	1982
1983	15.5 AT 01 58 MST ON OCT 15	14.2 ON OCT 14	1.10 ON APR 11	201 000	1983
1984	24.5 AT 15 08 MST ON JUL 10	24.3 ON JUL 10	4.05 ON APR 8	330 000	1984
1985	29.9 AT 17 44 MST ON JUN 22	29.8 ON JUN 22	3.08 ON APR 19	302 000	1985
1986	38.5 AT 16 00 MST ON JUL 4 *	38.1 ON JUL 4 *	3.14 ON APR 20	331 000	1986
				163 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

CAMERON RIVER NEAR THE MOUTH - STATION NO. 07SB004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1939	---	---	1.73	1.22	1.84	1.81	1.68	---	---	---	---	---	---	1939
MEAN	---	---	1.73	1.22	1.84	1.81	1.68	---	---	---	---	---	---	MEAN

LOCATION - LAT 62 34 30 N LONG 114 08 36 W NATURAL FLOW

CAMPBELL CREEK NEAR INUVIK - STATION NO. 10LC004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	---	---	---	1.57	0.690	1.21	0.583	0.022	0	---	1973
1974	0	0	0	0	0.656	1.60	2.74	1.43	0.395	0.188	0	0	0.590	1974
MEAN	0	0	0	0	0.656	1.60	2.16	1.06	0.803	0.386	0.011	0	0.590	MEAN

LOCATION - LAT 68 16 04 N LONG 133 15 47 W NATURAL FLOW

CAMPBELL CREEK NEAR INUVIK - STATION NO. 10LC004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1973	---	---	---	---	1973
1974	---	4.45 ON JUL 15 *	00 ON JAN 1 *	18 600	1974
				18 600	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORTHWEST TERRITORIES

CAMSELL RIVER AT OUTLET OF CLUT LAKE - STATION NO. 10JA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1933	---	---	---	---	---	---	---	---	---	---	---	82.6	---	1933
1934	47.2	32.2	31.5	45.5	85.9	118	131	147	134	124	108	---	---	1934
1964	---	---	---	---	84.0	---	---	---	148	133	121	113	---	1964
1965	96.8	82.4	72.5	64.2	62.2	85.6	101	93.1	82.5	75.8	75.8	77.4	80.8	1965
1966	72.3	65.6	58.3	48.8	46.0	85.0	94.3	89.0	83.0	72.8	66.8	62.3	70.4	1966
1967	61.8	58.4	53.5	49.4	47.2	86.3	88.0	101	105	107	107	107	79.3	1967
1968	106	99.2	91.7	85.7	77.0	96.5	114	104	94.5	87.6	82.3	76.2	92.9	1968
1969	89.9	86.7	84.1	58.2	85.1	75.6	82.5	95.3	105	106	107	107	83.6	1969
1970	101	95.9	88.8	79.5	74.5	87.5	97.9	86.6	101	107	112	110	96.0	1970
1971	106	100	94.5	87.6	102	161	179	163	142	125	113	103	123	1971
1972	93.9	85.0	76.7	67.9	64.8	101	130	128	118	107	101	94.4	97.4	1972
1973	87.5	81.4	76.0	71.0	84.5	110	111	108	104	94.1	85.6	81.6	91.2	1973
1974	76.8	71.5	67.2	63.1	70.8	88.4	102	105	105	103	106	104	88.6	1974
1975	98.5	90.7	79.4	89.3	99.6	153	163	141	124	108	97.4	88.3	110	1975
1976	78.9	70.7	62.6	51.0	63.8	72.2	72.8	62.5	56.1	52.3	48.8	46.8	62.3	1976
1977	44.9	42.9	41.1	39.5	51.0	84.1	93.0	87.4	84.5	76.1	74.7	71.2	66.2	1977
1978	65.8	60.1	56.1	52.5	53.2	86.1	71.6	71.4	66.3	61.3	60.2	57.5	61.9	1978
1979	55.3	52.2	48.9	46.4	50.5	78.8	89.6	85.6	79.2	73.9	71.1	69.6	66.9	1979
1980	67.0	61.4	54.3	49.7	77.0	123	133	124	112	107	101	97.8	92.4	1980
1981	93.4	84.0	74.7	66.4	67.2	87.5	104	103	95.8	89.4	105	104	90.4	1981
1982	97.1	90.1	82.2	73.6	72.7	109	124	119	112	104	101	96.0	98.5	1982
1983	88.7	82.1	75.7	86.6	81.4	91.1	124	136	149	155	156	147	111	1983
1984	134	123	110	99.9	119	155	187	208	222	217	204	182	163	1984
1985	156	134	119	105	112	141	167	146	146	135	122	109	131	1985
1986	99.4	92.8	86.7	80.8	83.7	143	172	168	159	144	129	115	123	1986
MEAN	87.0	79.2	72.4	66.7	73.1	103	118	117	114	107	102	94.2	94.5	MEAN

LOCATION - LAT 65 36 24 N
LONG 117 45 56 W
DRAINAGE AREA, 31 100 km²
NATURAL FLOW

CAMSELL RIVER AT OUTLET OF CLUT LAKE - STATION NO. 10JA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1933	---	---	---	---	1933
1934	---	155 ON AUG 24	22.7B ON FEB 28 *	---	1934
1964	---	---	75.9 ON MAY 17	---	1964
1965	---	104 ON JAN 1	58.6 ON MAY 3	2 550 000	1965
1966	---	88.8 ON JUL 3	36.2B ON MAY 12	2 220 000	1966
1967	---	108 ON OCT 30	45.0 ON MAY 10	2 500 000	1967
1968	---	116 ON JUL 12	71.4 ON MAY 14	2 940 000	1968
1969	---	106 ON SEP 17	54.9 ON APR 28	2 840 000	1969
1970	---	113 ON NOV 28	71.9 ON MAY 10	3 030 000	1970
1971	---	182 ON JUL 23	83.8 ON MAY 8	3 890 000	1971
1972	134 ON JUL 10	134 ON JUL 6	61.4 ON MAY 16	3 080 000	1972
1973	114 AT 14 15 ON JUN 23	114 ON JUN 23	58.2 ON MAY 4	2 88u 000	1973
1974	---	107 ON AUG 13	62.3E ON APR 27	2 800 000	1974
1975	---	171 ON JUL 1	66.3A ON APR 18	3 460 000	1975
1976	---	83.3E ON JAN 1	45.9E ON DEC 29	1 970 000	1976
1977	---	84.0E ON JUL 6	38.5 ON MAY 5	2 080 000	1977
1978	74.5 AT 13 10 MST ON JUL 9	73.9 ON JUL 9	49.8 ON MAY 17	1 950 000	1978
1979	93.5 AT 15 25 MST ON JUL 5	92.1 ON JUL 6	43.8 ON MAY 5	2 110 000	1979
1980	136 AT 03 25 MST ON JUL 9	135 ON JUL 8	48.8 ON APR 15	2 920 000	1980
1981	---	107 ON JUL 19	52.4 ON MAY 3	3 850 000	1981
1982	---	125 ON JUL 2	55.4 ON MAY 18	3 110 000	1982
1983	161 AT 15 10 MST ON OCT 31	160 ON OCT 31	59.0 ON MAY 28	3 510 000	1983
1984	229 AT 04 33 MST ON SEP 26 *	228 ON SEP 26 *	98.8 ON APR 30	5 170 000	1984
1985	168 AT 00 00 MST ON JAN 1	168 ON JAN 1	97.1 ON MAY 6	4 130 000	1985
1986	---	176 E ON JUL 17	73.6 ON MAY 13	3 880 000	1986
				2 990 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CARCAJOU RIVER BELOW IMPERIAL RIVER - STATION NO. 10KB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	---	---	---	85.4	58.8	---	---	---	---	1976
1977	10.5	9.77	9.06	---	---	---	---	---	---	---	14.1	10.0	---	1977
1978	7.83	5.42	5.80	6.07	87.1	295	148	172	62.6	21.6	18.3	14.2	70.6	1978
1979	10.3	5.81	4.84	8.14	202	131	243	128	102	60.3	27.5	17.0	79.0	1979
1980	8.53	6.77	7.06	9.92	122	105	110	288	74.4	28.2	17.2	12.4	66.8	1980
1981	---	---	---	---	---	90.6	152	104	38.7	31.9	18.6	12.9	---	1981
1982	8.11	8.10	5.18	7.92	230	329	133	198	86.7	41.8	23.6	15.5	90.7	1982
1983	11.5	10.2	10.0	17.1	152	210	82.6	78.1	83.8	29.3	18.9	14.0	56.7	1983
1984	8.39	6.02	5.26	9.87	114	313	234	215	141	46.7	24.4	17.1	94.7	1984
1985	12.6	10.9	10.3	11.3	210	298	150	133	118	49.7	19.2	15.2	85.8	1985
1986	13.8	12.9	11.7	10.9	195	338	104	255	86.7	42.2	23.3	18.0	93.1	1986
MEAN	10.3	8.32	7.69	10.1	164	234	149	167	83.3	39.1	20.5	14.8	78.8	MEAN

LOCATION - LAT 65 17 52 N
LONG 127 41 05 W
DRAINAGE AREA, 7 400 km²
NATURAL FLOW

CARCAJOU RIVER BELOW IMPERIAL RIVER - STATION NO. 10KB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	---	---	---	---	1976
1977	---	---	---	---	1977
1978	852 AT 04:10 MST ON JUN 9	674 ON JUN 9	5.728 ON MAR 25	2 230 000	1978
1979	959 AT 17:20 MST ON JUL 4	730 ON JUL 4	4.788 ON MAR 8 *	2 490 000	1979
1980	1 380 AT 02:15 MST ON AUG 16	994 ON AUG 16	6.408 ON FEB 26	2 110 000	1980
1981	558 AT 00:22 MST ON JUN 25	447 ON JUN 25	---	---	1981
1982	890 AT 02:22 MST ON MAY 30	741 ON MAY 30	5.018 ON MAR 17	2 860 000	1982
1983	1 280 AT 14:23 MST ON JUN 1	1 140 ON JUN 1	10.0 B ON FEB 25	1 790 000	1983
1984	1 830 AT 01:11 MST ON JUN 29 *	1 150 ON JUN 29 *	5.208 ON MAR 11	3 000 000	1984
1985	736 AT 13:25 MST ON JUN 2	804 ON JUN 2	10.2 B ON MAR 20	2 740 000	1985
1986	1 850 AT 18:50 MST ON AUG 14	1 060 ON AUG 14	10.8 B ON APR 16	2 940 000	1986
				2 520 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

CARIBOU CREEK ABOVE DEMPSTER HIGHWAY - STATION NO. 10LC007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	0	0	0	0	11.0	8.00	2.53	1.14	0.895	0.485	0.327	0.025	2.03	1975
1976	0	0	0	0	2.25	4.10	1.53	2.63	1.76	0.977	0.515	0.514	1.20	1976
1977	0.367	0.052	0	0.033	17.1	7.80	5.13	1.73	2.12	1.46	0.577	0.176	3.07	1977
1978	0.075	0.005	0	0	0.283	9.19	4.80	2.04	1.61	1.30	0.808	0.246	1.70	1978
1979	0	0	0	0.014	3.76	3.42	1.73	0.810	1.76	0.745	0.596	0.384	1.13	1979
1980	0	0	0	0	11.7	9.80	2.17	1.28	1.25	0.837	0.555	0.223	2.32	1980
1981	0	0	0	0	4.04	3.56	4.50	2.89	2.31	1.59	0.685	0.355	1.69	1981
1982	0	0	0	0	3.28	15.3	3.17	1.79	1.41	0.875	0.703	0.298	2.23	1982
1983	0	0	0	0	2.06	7.17	1.35	1.02	0.868	0.610	0.383	0.078	1.13	1983
1984	0	0	0	0	2.87	4.50	1.62	1.86	1.73	1.02	0.551	0.240	1.19	1984
1985	0	0	0	0	3.18	3.04	1.17	0.743	0.588	0.257	0.024	0	0.755	1985
1986	0	0	0	0	0.084	5.27	1.19	1.28	1.54	0.571	0.326	0.163	0.885	1986
MEAN	0.037	0.005	0	0.004	5.13	6.76	2.57	1.61	1.47	0.892	0.536	0.225	1.61	MEAN

LOCATION - LAT 68 05 23 N DRAINAGE AREA, 625 km^2
LONG 133 29 24 W NATURAL FLOW

CARIBOU CREEK ABOVE DEMPSTER HIGHWAY - STATION NO. 10LC007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1975	88.2 AT 01:00 MST ON MAY 26 *	59.5 ON MAY 26	0B ON JAN 1 *	64 000	1975
1976	---	11.8 B ON JUN 2	0B ON JAN 1	37 800	1976
1977	---	51.0 B ON MAY 20	0B ON FEB 20	96 900	1977
1978	---	17.0 B ON JUN 8	0B ON FEB 10	53 500	1978
1979	14.1 AT 00:30 MST ON MAY 18	11.7 ON MAY 18	0B ON JAN 1	35 500	1979
1980	---	85.0 B ON MAY 26 *	0B ON JAN 1	73 500	1980
1981	---	7.42 ON JUL 22	0B ON JAN 1	53 200	1981
1982	---	53.0 B ON MAY 31	0B ON JAN 1	70 300	1982
1983	---	35.0 B ON MAY 31	0B ON JAN 1	35 600	1983
1984	---	12.0 B ON MAY 26	0B ON JAN 1	37 700	1984
1985	---	9.908 ON MAY 22	0B ON JAN 1	23 800	1985
1986	---	16.5 B ON JUN 3	0B ON JAN 1	27 300	1986
				50 800	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

CARNWATH RIVER BELOW ANDREW RIVER - STATION NO. 10NA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	95.0	24.0	12.3	6.98	---	---	---	1982
1983	0	0	0	0.017	286	334	40.7	17.3	8.52	14.1	11.1	3.23	58.2	1983
1984	0.639	0.055	0	0.027	550	207	43.5	45.5	117	38.5	10.1	3.19	85.2	1984
1985	0.250	0	0	0	33.8	78.4	32.0	10.9	5.56	3.54	0.804	0	14.0	1985
1986	0	0	0	0	41.2	95.5	19.9	7.89	5.88	2.66	0.629	0.226	14.9	1986
MEAN	0.272	0.014	0	0.011	223	179	46.2	21.1	30.3	13.2	5.61	1.55	43.0	MEAN

LOCATION - LAT 68 23 33 N DRAINAGE AREA, 21 900 km^2
LONG 136 56 59 W NATURAL FLOW

NORTHWEST TERRITORIES

CARNWATH RIVER BELOW ANDREW RIVER - STATION NO. 10NA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	---	---	---	---	1982
1983	---	---	---	---	1983
1984	---	730B ON MAY 31	0B ON JAN 1 *	1 830 000	1983
		1 180B ON MAY 15 *	0B ON FEB 19	2 690 000	1984
1985	---	---	---	---	1985
1986	211 AT 02 13 MST ON JUN 4 *	176B ON MAY 28	0B ON JAN 21	440 000	1985
		202 ON JUN 3	0B ON JAN 1	457 000	1986
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 350 000	MEAN

COPPERMINE RIVER ABOVE BLOODY FALLS - STATION NO. 10PC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	---	---	469R	775R	439R	325R	216R	---	1983
1984	159R	133R	112 R	90.6R	182R	856R	754R	700R	565R	384R	189R	152R	357R	1984
1985	124	104	87.1	72.9	311	711	500	561	513	368	244	180	316	1985
1986	136	108	89.0	72.4	115	1 500	773	432	339	245	164	131	342	1986
MEAN	140R	115R	96.0R	78.6R	203R	1 020R	676R	541R	548R	359R	231R	170R	338	MEAN

LOCATION - LAT 67 44 35 N
LONG 115 22 43 W
DRAINAGE AREA, 50 700 km^2
NATURAL FLOW

R - REVISED SINCE JAN 1986

COPPERMINE RIVER ABOVE BLOODY FALLS - STATION NO. 10PC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	---	---	---	---	1983
1984	---	1 040RB ON JUN 11	78.8RB ON MAY 6	11 300 000R	1984
1985	1 380 AT 11 20 MST ON JUN 3	1 280B ON JUN 4	64 7B ON MAY 5 *	9 850 000	1985
1986	2 900B AT 06 01 MST ON JUN 19 *	2 270B ON JUN 18 *	65.1B ON MAY 15	10 800 000	1986
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 1 1986		10 700 000R	MEAN

COPPERMINE RIVER AT OUTLET OF POINT LAKE - STATION NO. 10PB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	252	188	132	95.1	74.5	---	1965
1966	62.4	51.9	44.0	40.0	51.2	197	250	215	168	---	---	---	---	1966
1967	---	---	41.0	34.8	34.3	95.5	237	262	220	203	178	106	---	1967
1968	74.3	65.7	56.7	45.2	38.7	94.5	224	207	169	151	140	109	115	1968
1969	70.7	48.3	43.7	39.3	41.1	75.8	166	206	227	203	161	125	118	1969
1970	83.5	64.0	47.4	48.1	40.5	103	179	173	168	154	125	101	108	1970
1971	61.8	53.9	53.2	48.0	58.8	194	233	186	156	151	123	111	122	1971
1972	62.2	52.4	45.8	---	---	---	---	225	176	132	101	75.5	---	1972
1973	57.7	46.6	40.6	38.9	50.5	145	181	161	154	130	106	84.3	99.6	1973
1974	64.9	51.7	43.9	38.7	44.5	102	174	186	166	131	106	87.7	100	1974
1975	72.3	57.5	46.5	37.8	57.2	185	255	197	141	107	85.6	69.4	110	1975
1976	54.4	44.3	35.1	30.4	41.0	108	169	150	105	78.1	65.1	55.4	78.3	1976
1977	46.7	40.0	35.3	32.1	42.4	186	211	172	129	98.1	78.7	65.3	93.4	1977
1978	54.6	46.5	35.6	30.3	30.6	65.3	137	162	137	107	86.4	65.6	80.1	1978
1979	51.1	42.7	34.9	32.6	38.7	110	193	184	133	93.9	75.9	63.7	88.7	1979
1980	50.1	39.1	33.1	32.6	51.2	101	118	102	80.3	65.9	56.9	46.3	64.8	1980
1981	35.9	29.6	25.7	23.2	29.7	90.9	160	159	130	111	86.9	67.2	79.5	1981
1982	50.5	38.1	31.0	28.5	31.8	116	210	183	150	116	89.3	66.5	83.8	1982
1983	51.5	41.7	34.1	31.1	28.3	78.7	214	256	225	191	156	119	119	1983
1984	87.5	73.1	61.6	49.8	44.1	207	476	321	241	177	132	102	165	1984
1985	71.4	56.3	46.9	41.3	52.1	161	254	272	212	174	139	103	133	1985
1986	77.2	61.7	51.2	44.0	45.7	187	340	252	188	143	106	83.7	132	1986
MEAN	64.6	51.3	42.4	37.0	42.6	129	219	204	168	136	109	84.8	108	MEAN

LOCATION - LAT 65 24 48 N
LONG 114 00 14 W
DRAINAGE AREA, 19 300 km^2
NATURAL FLOW

COPPERMINE RIVER AT OUTLET OF POINT LAKE - STATION NO. 10PB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	---	259 ON JUL 7	37.9 ON MAY 2	---	1966
1967	---	275 ON AUG 12	32.6 ON APR 27	---	1967
1968	---	238 ON JUL 17	37.4 ON MAY 25	3 630 000	1968
1969	---	230 ON SEP 17	37.1 ON APR 30	3 710 000	1969
1970	193 AT 09:30 MDT ON JUL 23	191 ON JUL 23	38.5 ON MAY 21	3 420 000	1970
1971	---	241 ON JUL 4	42.2 ON MAY 9	3 840 000	1971
1972	---	259A ON JUL 8	---	---	1972
1973	---	185 ON JUL 21	33.1E ON MAY 7	3 140 000	1973
1974	---	193 ON AUG 10	36.8 ON MAY 4	3 160 000	1974
1975	---	266 ON JUL 6	36.0 ON APR 20	3 460 000	1975
1976	---	174 ON JUL 30	29.7E ON APR 19	2 480 000	1976
1977	---	218 ON JUL 5	30.0 ON MAY 12	2 950 000	1977
1978	172 AT 01:30 MST ON AUG 7	170 ON AUG 7	28.6 ON APR 26	2 530 000	1978
1979	212 AT 18:15 MST ON JUL 24	210 ON JUL 25	31.8 ON MAY 9	2 800 000	1979
1980	124 AT 15:16 MST ON JUL 9	122 ON JUL 8	31.6 ON MAR 25	2 050 000	1980
1981	177 AT 15:50 MST ON JUL 27	172 ON JUL 27	22.1 ON APR 14 *	2 510 000	1981
1982	229 AT 01:30 MST ON JUL 28	219 ON JUL 28	28.0 ON APR 25	2 880 000	1982
1983	281 AT 09:42 MST ON AUG 4	270 ON AUG 4	27.5 ON MAY 29	3 770 000	1983
1984	577 AT 08:40 MST ON JUL 13 *	533 ON JUL 15 *	40.6 ON MAY 13	5 210 000	1984
1985	311 AT 23:53 MST ON AUG 5	302 ON AUG 6	37.7A ON APR 30	4 180 000	1985
1986	388 AT 17:02 MST ON JUL 12	366 ON JUL 12	40.2 ON MAY 15	4 180 000	1986
				3 330 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

DUBAWNT RIVER AT OUTLET OF MARJORIE LAKE - STATION NO. 08KC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1968	---	---	---	---	---	---	---	---	---	602	584	507	---	1968
1969	448	400	349	299	249	234	861	641	499	437	378	306	409	1969
1970	235	219	211	203	196	370	406	435	505	471	378	283	326	1970
1971	252	248	247	240	235	440	504	459	418	383	347	311	341	1971
1972	275	240	204	176	174	439	551	431	406	386	364	341	333	1972
1973	280	229	182	206	254	412	446	399	385	393	295	129	302	1973
1974	110	83.4	79.1	136	216	450	392	380	330	238	207	193	235	1974
1975	179	168	168	203	305	584	485	402	402	362	308	260	320	1975
1976	201	147	120	162	286	700	645	488	470	400	303	221	344	1976
1977	171	173	218	245	286	534	473	406	392	409	362	316	331	1977
1978	262	227	200	213	229	332	724	555	435	318	242	194	329	1978
1979	199	196	193	190	218	462	539	451	417	385	355	327	328	1979
1980	300	277	255	235	237	510	354	299	340	247	190	174	285	1980
1981	154	159	156	155	156	330	446	406	397	373	335	310	283	1981
1982	288	269	247	226	209	386	494	399	374	361	332	301	323	1982
1983	272	247	227	215	215	420	529	428	420	432	363	334	342	1983
1984	317	302	288	274	259	604	732	617	853	629	501	457	471	1984
1985	435	422	410	394	380	545	525	610	562	502	416	380	472	1985
1986	342	313	293	282	340	622	674	571	511	462	376	318	426	1986
MEAN	263	240	225	225	245	464	538	486	440	410	349	297	344	MEAN

LOCATION - LAT 64 13 52 N LONG 89 28 37 W DRAINAGE AREA, 67 300 km^2 NATURAL FLOW

REMARKS - STAGE RECORDS OBTAINED AT 08KC002 AND DISCHARGE MEASUREMENTS 6.0 km DOWNSTREAM. RECORDS ARE BEING REVIEWED

DUBAWNT RIVER AT OUTLET OF MARJORIE LAKE - STATION NO. 08KC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1968	---	---	---	---	1968
1969	731 AT 04:00 CST ON JUL 18	731 ON JUL 17	194 B ON JUN 20	12 900 000	1969
1970	532 AT 22:00 CST ON SEP 19	530 ON SEP 18	191 B ON MAY 28	10 300 000	1970
1971	---	527 ON JUN 28	230 B ON MAY 17	10 800 000	1971
1972	---	6828 ON JUN 20	157 B ON MAY 15	10 500 000	1972
1973	---	490 ON JUN 18	48.1B ON DEC 31 *	8 520 000	1973
1974	---	5188 ON JUN 10	70.5B ON MAR 12	7 430 000	1974
1975	634 AT 13:29 CST ON JUN 20	631 ON JUN 18	157 B ON FEB 20	10 100 000	1975
1976	---	835 ON JUN 23 *	114 B ON MAR 15	10 900 000	1976
1977	---	5808 ON JUN 20	182 B ON JAN 30	10 500 000	1977
1978	---	7798 ON JUL 14	184 B ON DEC 28	10 400 000	1978
1979	589 AT 11:21 CST ON JUL 5	582 ON JUL 8	188 B ON MAY 9	10 400 000	1979
1980	655 AT 10:24 CST ON JUN 5	652 ON JUN 5	169 B ON DEC 30	8 000 000	1980
1981	---	481A ON JUL 17	155 B ON MAR 25	8 940 000	1981
1982	542 AT 17:00 CST ON JUL 9	540 ON JUL 9	199 B ON MAY 30	10 200 000	1982
1983	607 AT 16:58 CST ON JUN 27	603 ON JUN 3	210 B ON MAY 3	10 800 000	1983
1984	827 AT 01:00 CST ON JUN 28 *	821 ON JUN 27	252 B ON MAY 28	14 900 000	1984
1985	672 AT 20:33 CST ON JUN 27	670 ON JUN 27	348 B ON DEC 31	14 900 000	1985
1986	713 AT 05:48 CST ON JUL 7	710 ON JUL 8	281 B ON APR 12	13 400 000	1986
				10 900 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORTHWEST TERRITORIES

DUBAWNT RIVER BELOW MARJORIE LAKE - STATION NO. 06KC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1962	---	---	---	---	---	---	---	985R	1 010R	---	---	---	---	1962
1964	---	---	---	---	---	---	---	---	---	262R	217R	280R	---	1964
1965	252R	244R	234R	225R	218R	310R	405R	381R	339R	299R	275R	260R	287R	1965
1966	242R	222R	200R	183R	167R	480R	494R	459R	415R	---	---	---	---	1966
MEAN	247R	233R	217R	204R	193R	395R	450R	608R	588R	281R	246R	260R	287	MEAN

LOCATION - LAT 64 20 40 N DRAINAGE AREA, 67 900 km²
LONG 99 47 22 W NATURAL FLOW

R - REVISED SINCE JAN 1986

REMARKS - FORMERLY COMBINED WITH STATION NO. 06KC003

DUBAWNT RIVER BELOW MARJORIE LAKE - STATION NO. 06KC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1962	---	---	---	---	1962
1964	---	---	---	---	1964
1965	---	442R ON JUL 24	212RB ON JUN 1 *	9 060 000R	1965
1966	---	665R ON JUN 14 *	---	---	1966
				9 060 000R	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1 1986

DUVAL RIVER NEAR PANGNIRTUNG - STATION NO. 10UF001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	5.82	---	---	---	---	---	---	1974
1975	---	---	---	---	---	---	3.82	3.30	3.24	---	---	---	---	1975
1976	---	---	---	---	---	---	5.89	2.70	---	---	---	---	---	1976
1977	---	---	---	---	---	---	7.78	2.66	0.587	---	---	---	---	1977
1979	---	---	---	---	---	---	---	4.89	3.54	---	---	---	---	1979
1980	---	---	---	---	---	---	5.89	3.44	0.847	---	---	---	---	1980
1981	---	---	---	---	---	---	5.84	3.33	---	---	---	---	---	1981
1982	---	---	---	---	---	5.58	6.31	4.84	0.469	---	---	---	---	1982
1983	---	---	---	---	---	3.47	6.11	4.31	0.535	---	---	---	---	1983
MEAN	---	---	---	---	---	4.53	5.91	3.68	1.80	---	---	---	---	MEAN

LOCATION - LAT 66 04 03 N DRAINAGE AREA, 95.5 km²
LONG 65 41 10 W NATURAL FLOW

DUVAL RIVER NEAR PANGNIRTUNG - STATION NO. 10UF001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	---	---	---	---	1975
1976	---	---	---	---	1976
1977	33.1 AT 16:00 EST ON JUL 3	22.3 ON JUL 3 *	0B ON SEP 29 *	---	1977
1979	---	---	---	---	1979
1980	14.7 AT 21:19 EST ON JUL 2	---	---	---	1980
1981	27.4 IN SEP	---	---	---	1981
1982	39.7 AT 21:17 EST ON JUL 31 *	21.2 ON JUL 31	0B ON JUN 1	---	1982
1983	---	---	---	---	1983
				---	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

ELLICE RIVER NEAR THE MOUTH - STATION NO. 10OD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	0 R	0 R	0 R	OR	0 R	510 R	270 R	81.9	138	86.1	10.4	2.53	88.1R	1971
1972	1.11	0.530	0.083	0	0	576 R	334 R	84.3	43.3	12.0	0.606	0	85.7R	1972
1973	0	0	0	0	0.268R	422 R	77.0R	187	229	30.3	5.80	2.01	79.2R	1973
1974	0.543	0	0	0	0	418 R	140 R	57.2	32.9	7.36	1.91	0.378	54.7R	1974
1975	0.009	0	0	0	0 R	638 R	120	31.4	25.2	13.1	3.16	0.219	88.7R	1975
1976	0	0	0	0	0.597R	284 R	205	42.2	24.7	8.20	1.13	0.018	47.1R	1976
1977	0	0	0	0	0.001	367 R	151 R	49.1R	62.9R	37.4	10.3	4.17	56.7R	1977
1978	1.49	0.582	0.066	0	0	85.9R	598 R	123	44.6R	10.2 R	2.36 R	0.511	74.0R	1978
1979	0	0	0	0	0 R	375 R	364	61.0	45.6R	10.3 R	1.70	0.217	71.7R	1979
1980	0	0	0	0	0 R	379 R	119 R	64.5	67.3	13.1	1.45	0	53.3R	1980
1981	0	0	0	0	0	494 R	178 R	56.7	88.3	84.8	10.7	0.181	74.2R	1981
1982	0	0	0	0	0 R	232 R	298 R	144	242	46.6	12.5	1.25	81.5R	1982
1983	0 R	0 R	0 R	OR	0	450 R	196 R	105 R	153 R	57.5	11.2	1.68	81.1R	1983
1984	0	0	0	0	2.42	613	145	115	102	37.9	6.77	0.430	84.6	1984
1985	0 R	0 R	0 R	OR	47.1	788	281	189	271	69.8	9.78	0.097	137 R	1985
1986	0 R	0 R	0 R	OR	0.257	662	412	106	120	55.1	19.9	0.571	115 R	1986
MEAN	0.197R	0.070R	0.009R	OR	3.17 R	455 R	244 R	91.1R	106 R	33.7 R	6.86 R	0.891	78.3	MEAN

LOCATION - LAT 67 42 42 N LONG 104 08 27 W
DRAINAGE AREA, 16 900 km²
NATURAL FLOW

R - REVISED SINCE JAN 1986

REMARKS - HIGH FLOWS PRIOR TO 1984 WERE ESTIMATED AND SHOULD BE USED WITH DISCRETION

ELLICE RIVER NEAR THE MOUTH - STATION NO. 10OD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1971	---	1 300R ON JUN 16	ORB ON JAN 1 *	2 780 000R	1971
1972	---	1 800R ON JUN 20	OB ON MAR 27	2 710 000R	1972
1973	---	1 200R ON JUN 10	OB ON JAN 1	2 490 000R	1973
1974	---	1 100R ON JUN 14	OB ON JAN 27	1 720 000R	1974
1975	---	1 600R ON JUN 11	OB ON JAN 8	2 160 000R	1975
1976	---	850R ON JUN 16	OB ON JAN 1	1 490 000R	1976
1977	---	900R ON JUN 13	OB ON JAN 1	1 790 000R	1977
1978	---	1 500R ON JUL 1	OB ON MAR 16	2 330 000R	1978
1979	---	1 400R ON JUN 23	OB ON JAN 1	2 260 000R	1979
1980	---	1 000R ON JUN 12	OB ON JAN 1	1 690 000R	1980
1981	---	1 200R ON JUN 9	OB ON JAN 1	2 340 000R	1981
1982	---	1 200R ON JUN 28	OB ON JAN 1	2 570 000R	1982
1983	---	1 400R ON JUN 18	ORB ON JAN 1	2 580 000R	1983
1984	1 370 AT 22:53 MST ON JUN 6	1 300 ON JUN 9	OB ON JAN 1	2 680 000	1984
1985	1 620 AT 20:10 MST ON JUN 5	1 450 ON JUN 6	ORB ON JAN 1	4 310 000R	1985
1986	2 120 AT 23:57 MST ON JUN 24 *	1 980 ON JUN 25 *	ORB ON JAN 1	3 820 000R	1986
				2 470 000R	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1 1986

EMILE RIVER AT OUTLET OF BASLER LAKE - STATION NO. 07TB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	---	---	8.62	8.62	9.11	9.17	9.15	---	1978
1979	8.72	8.08	7.41	7.16	7.95	10.4	13.1	15.1	14.8	13.8	12.9	11.8	10.9	1979
1980	10.8	9.64	8.66	7.84	8.25	11.5	14.3	15.1	13.7	12.2	11.2	10.6	11.2	1980
1981	10.5	9.60	8.77	7.60	7.25	7.70	8.38	8.91	8.96	9.53	9.56R	10.4 R	8.83R	1981
1982	10.0	9.61	9.00	8.34	8.11	8.78	10.0	11.5	11.9	11.5	11.1	11.4	10.1	1982
1983	11.0	10.1	8.78	7.84	7.81	8.58	9.03	12.1	16.3	18.2	18.4	19.2	12.4	1983
1984	17.7	15.4	14.1	12.5	14.5	19.3	40.5	54.3	46.2	36.9	31.1	26.3	27.5	1984
1985	20.8	18.7	16.0	12.4	13.6	18.8	27.5	32.5	28.5	22.8	20.1	17.9	20.5	1985
1986	15.7	13.9	12.3	11.3	13.1	21.6	34.0	37.1	32.9	26.2	22.9	19.9	21.8	1986
MEAN	13.1	11.6	10.4	9.37	10.2	13.3	19.6	21.7	20.2	17.8	16.4 R	15.2 R	15.4	MEAN

LOCATION - LAT 63 47 46 N LONG 116 07 21 W
DRAINAGE AREA, 4 850 km²
NATURAL FLOW

R - REVISED SINCE JAN 1986

EMILE RIVER AT OUTLET OF BASLER LAKE - STATION NO. 07TB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1978	---	---	---	---	1978
1979	16.0 AT 05:57 MST ON AUG 24	15.8 ON AUG 24	7.02E ON MAY 2 *	345 000	1979
1980	16.1 AT 08:13 MST ON AUG 19	15.7 ON AUG 4	7.56 ON APR 24	355 000	1980
1981	---	11.0E ON JAN 1	7.05 ON MAY 5	282 000R	1981
1982	---	12.8E ON AUG 22	7.82 ON MAY 16	319 000	1982
1983	20.7 AT 16:45 MST ON NOV 27	20.0 ON NOV 27	7.81E ON MAY 1	390 000	1983
1984	57.0 AT 17:56 MST ON AUG 12 *	56.3 ON AUG 12 *	12.0 ON APR 21	889 000	1984
1985	36.3 AT 19:25 MST ON AUG 19	33.7 ON AUG 19	11.5 ON MAY 5	645 000	1985
1986	40.0 AT 14:47 MST ON AUG 14	36.8 ON AUG 14	11.0 A ON APR 7	657 000	1986
				487 000R	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1 1986

NORTHWEST TERRITORIES

FALLS RIVER NEAR D'IBERVILLE FIORD - STATION NO 10YH001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	---	---	---	0.634	---	---	---	---	---	---	1973
1974	---	---	---	---	---	---	1.07	---	---	---	---	---	---	1974
1975	---	---	---	---	---	---	0.513	0.576	0.024	---	---	---	---	1975
MEAN	---	---	---	---	---	---	0.739	0.576	0.024	---	---	---	---	MEAN

LOCATION - LAT 80 35 08 N LONG 79 24 40 W
DRAINAGE AREA 32.6 km²
NATURAL FLOW

FALLS RIVER NEAR D'IBERVILLE FIORD - STATION NO 10YH001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1973	---	---	---	---	1973
1974	---	---	---	---	1974
1975	---	4.28 ON AUG 18 *	0 ON SEP 19 *	---	1975
				---	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

FAR CREEK AT FAR LAKE OUTLET - STATION NO 060A003

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO SEP IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	0.010	0.010	0	---	---	---	---	---	1978
1979	---	---	---	---	0.002	0.007	0	0	---	---	---	---	---	1979
1980	---	---	---	---	---	0.008	0.007	0.004	---	---	---	---	---	1980
1981	---	---	---	---	---	0.020	0.004	0	---	---	---	---	---	1981
MEAN	---	---	---	---	0.002	0.011	0.005	0.001	---	---	---	---	---	MEAN

LOCATION - LAT 63 41 40 N LONG 90 40 30 W
DRAINAGE AREA 0.21 km²
NATURAL FLOW

DATA CONTRIBUTED BY - FRESHWATER INSTITUTE (DFO) (CANADA)

FAR CREEK AT FAR LAKE OUTLET - STATION NO 060A003

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO SEP FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1978	---	0.113 ON JUN 24 *	0 ON JUN 1 *	---	1978
1979	---	0.016 ON MAY 27	0 ON MAY 1	---	1979
1980	---	0.075E ON SEP 3	0 ON JUN 1	---	1980
1981	0.134 AT 20:30 CST ON JUN 13 *	0.095A ON JUN 14	0 ON MAY 23	---	1981
				---	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

FERGUSON RIVER BELOW O'NEIL LAKE - STATION NO 06NB002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	0	0	0	0	0	---	---	134	97.4	56.3	39.2	14.6	---	1979
1980	0.159	0	0	0	0	86.7	177	148	151	98.6	20.6	3.68	97.6	1980
1981	---	---	0	0	0.001	---	362	177	---	---	---	---	---	1981
1982	---	---	0	0	0	---	---	---	107	70.1	8.45	1.85	---	1982
1983	---	---	---	1.00	1.10	316	318	161	107	82.0	20.7	9.65	---	1983
1984	---	---	---	---	---	---	324	118	---	---	---	---	---	1984
1985	---	---	---	---	---	181	188	171	180	138	70.5	45.5	---	1985
1986	29.0	20.6	15.4	17.4	36.6	311	316	157	108	84.3R	---	---	---	1986
MEAN	9.72	6.80	3.38	3.07	4.62	189	264	153	125	84.6R	31.9	15.1	97.6	MEAN

LOCATION - LAT 62 28 24 N LONG 95 02 54 W
DRAINAGE AREA 13 400 km²
NATURAL FLOW

R - REVISED SINCE JAN 1986

FERGUSON RIVER BELOW O'NEIL LAKE - STATION NO. 09NB002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1979	---	---	0 B ON JAN 1 *	---	1979
1980	185 AT 02 36 CST ON JUL 21	184 ON JUL 21	0 B ON JAN 6	1 830 000	1980
1981	---	---	0 B ON MAR 1	---	1981
1982	---	---	0 B ON MAR 1	---	1982
1983	---	---	---	---	1983
1984	---	---	---	---	1984
1985	220 AT 05 43 CST ON SEP 26 *	219 ON SEP 26	---	---	1985
1986	---	424 ON JUN 29 *	15.80 ON MAR 24	---	1986
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 830 000	MEAN

FLAT RIVER AT CANTUNG CAMP - STATION NO. 10EA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	---	---	---	---	5.12	3.08	1.33	0.686	0.445	---	1973
1974	0.269	0.255	0.260	0.242	1.65	8.29R	8.83R	7.01	2.97	1.32	0.643	0.369R	2.269	1974
1975	0.301	0.273	0.196	0.231	1.48	8.83	8.71	3.45	3.48	1.58	0.6190	0.5190	2.500	1975
1976	0.438R	0.358R	0.268R	0.230R	5.76 R	9.17R	8.26R	5.01R	2.30R	1.239	0.677R	0.451R	2.360	1976
1977	0.356	0.406	0.406	0.434	2.20	11.8	7.46	7.80	2.66	1.36	0.735	0.451	2.01	1977
1978	0.414	0.412	0.394	0.429	1.32	8.88	11.6	3.62	1.83	1.16	0.795	0.584	2.61	1978
1979	0.471	0.398	0.383	0.346	0.949	9.57	8.84	5.92	2.83	1.58	0.854	0.424	2.88	1979
1980	0.310	0.300	0.258	0.355	2.00	7.87	7.40	5.88	2.61	1.93	1.13	0.444	2.55	1980
1981	0.376	0.338	0.299	0.398	4.28	5.75	5.96	4.38	2.69	1.35	0.867	0.594	2.28	1981
1982	0.363	0.307	0.295	0.312	1.31	7.68R	5.78R	4.42	2.65	1.53	0.852	0.613	2.180	1982
1983	0.310	0.281	0.258	0.249	1.50	9.55	8.01	6.88	3.06	1.33	0.586	0.363	2.69	1983
1984	0.326	0.268	0.235	0.280	1.38	9.45	8.79	6.01R	3.27R	1.12	0.674	0.503	2.120	1984
1985	0.386	0.292	0.302	0.322	0.853	8.04	9.16	8.13	3.88	1.39	0.630	0.490	2.35	1985
1986	0.369	0.263	0.324	0.309	1.15	8.80	9.09	5.35	2.43	1.08	0.580	0.447	2.34	1986
MEAN	0.370R	0.326R	0.289R	0.317R	1.99 R	7.65R	7.91R	5.48R	2.88R	1.38R	0.734R	0.470R	2.49	MEAN

LOCATION - LAT 61 58 23 N LONG 126 14 04 W DRAINAGE AREA, 155 km^2 NATURAL FLOW

R - REVISED SINCE JAN 1986

REMARKS - RECORDS SHOULD BE USED WITH DISCRETION, MOST HIGH FLOWS WERE ESTIMATED, SOME LOW FLOWS ARE AFFECTED BY REGULATION

FLAT RIVER AT CANTUNG CAMP - STATION NO. 10EA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1973	---	---	---	---	1973
1974	---	13.0 RE ON JUN 21	0.2158 ON APR 27	74 5000	1974
1975	16.5RE AT 22 00 MST ON JUL 13	14.9 ON JUL 2	0.1708 ON MAR 19 *	78 0008	1975
1976	---	12.0 RE ON JUN 10	0.2038R ON APR 20	74 4008	1976
1977	16.3RE AT 06 50 MST ON JUN 21	17.0 E ON JUN 21	0.3209 ON JAN 13	94 600	1977
1978	24.9RE AT 16 00 MST ON JUL 2 *	22.6 E ON JUL 2 *	0.3778 ON APR 2	82 400	1978
1979	16.0RE AT 06 30 MST ON JUN 23	15.5 E ON JUN 23	0.2928 ON APR 18	90 700	1979
1980	17.1RE AT 00 10 MST ON JUN 10	15.3 E ON JUN 9	0.2488 ON MAR 16	80 600	1980
1981	12.8 AT 00 11 MST ON MAY 29	12.6 ON MAY 29	0.2438 ON JAN 20	71 600	1981
1982	---	13.0 RE ON JUN 14	0.2908 ON FEB 23	67 9008	1982
1983	19.3RE AT 07 11 MST ON JUN 1	16.7 E ON JUN 1	0.2358 ON APR 17	85 000	1983
1984	11.3RE AT 02 20 MST ON JUN 26	9.70 ON JUN 26	0.2008 ON FEB 26	67 1008	1984
1985	13.0 AT 06 05 MST ON JUL 3	12.8 ON JUL 3	0.2788 ON FEB 26	74 100	1985
1986	14.7 AT 03 58 MST ON JUL 22	14.1 ON JUL 2	0.3208 ON MAR 23	73 900	1986
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 1 1988		78 2008	MEAN

FLAT RIVER NEAR THE MOUTH - STATION NO. 10EA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	---	---	---	---	---	---	---	---	---	23.0	18.3	16.1	---	1960
1961	17.0	16.3	16.6	---	---	384	153	95.8	77.6	43.1	32.1	22.1	---	1961
1962	30.4	27.0	24.3	23.0	83.6	600	280	171	161	83.3	37.1	29.7	191	1962
1963	26.6	22.7	19.4	28.0	218	358	286	133	146	83.8	36.6	32.1	118	1963
1964	30.4	19.8	19.8	19.8	---	384	313	176	113	86.8	33.8	26.6	---	1964
1965	15.8	16.0	15.3	17.0	118	174	180	96.6	89.8	---	---	---	---	1965
1966	---	---	---	---	---	239	184	124	78.5	---	---	---	---	1966
1967	---	---	---	---	---	---	---	89.2	82.3	---	---	---	---	1967
1968	---	---	---	---	---	272	284	237	178	---	---	---	---	1968
1969	---	---	---	---	---	231	139	105	98.3	81.8	---	---	---	1969
1970	---	---	---	---	---	---	---	118	92.1	65.2	29.9	17.0	---	1970
1971	---	---	---	---	---	307	149	87.7	69.4	---	---	---	---	1971
1972	---	---	---	---	---	338	---	---	77.1	47.4	20.1	16.0	---	1972
1973	13.5	10.7	8.88	16.8	280	393	180	101	128	35.9	19.3	16.5	87.1	1973
1974	13.8	12.3	12.5	16.0	172	310	215	240	112	63.7	24.8	20.9	101	1974
1975	20.2	18.1	19.1	18.7	212	328	244	190	90.5	67.3	32.8	28.2	103	1975
1976	21.9	17.2	13.8	30.3	278	287	250	176	140	61.0	26.0	20.2	105	1976
1977	16.9	14.7	13.8	30.3	164	242	220	208	140	80.1	30.5	16.7	98.9	1977
1978	13.3	14.5	14.9	14.5	79.0	167	261	191	81.9	64.3	29.7	23.0	78.6	1978
1979	16.0	14.9	14.0	15.9	192	287	240	148	140	82.6	32.6	19.3	101	1979
1980	20.6	20.8	20.8	27.2	131	224	162	110	122	101	43.3	28.5	85.5	1980
1981	23.1	16.9	16.7	18.7	204	256	131	81.4	81.3	61.6	26.5	22.5	78.7	1981
1982	17.8	14.1	12.3	13.1	176	256	121	130	83.7	34.9	23.5	22.0	77.3	1982
1983	16.3	13.9	12.9	13.7	140	226	140	150	77.8	61.1	20.3	17.8	72.5	1983
1984	13.8	11.5	11.7	20.1	127	243	170	139	84.6	40.1	20.1	16.5	77.6	1984
1985	14.5	11.9	11.7	15.9	187	210	183	102	70.5	43.2	16.3	14.8	75.6	1985
1986	11.8	8.80	8.31	11.2	172	264	227	170	89.5	73.2	28.5	27.2	89.6	1986
MEAN	17.7	15.2	14.0	18.4	191	291	207	140	98.9	58.3	26.4	21.4	93.8	MEAN

LOCATION - LAT 61 31 02 N DRAINAGE AREA, 8 550 km²
LONG 135 24 26 W NATURAL FLOW

REMARKS - RECORDS ARE BEING REVIEWED

FLAT RIVER NEAR THE MOUTH - STATION NO. 10EA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1960	---	---	---	---	1960
1961	742 AT 03 00 PST ON JUN 11	695 ON JUN 11	---	---	1961
1962	---	6565 ON JUN 11	13.0 E ON APR 1	3 010 000	1962
1963	1 070 AT 15 00 PST ON JUN 13	949 ON JUN 13	17.0 E ON APR 1	3 660 000	1963
1964	742 AT 10 00 PST ON JUN 4	702 ON JUN 4	---	---	1964
1965	475 AT 10 30 PST ON JUL 18	445 ON JUL 18	19.0 E ON MAR 30	---	1965
1966	378 AT 07 00 PST ON JUN 29	350 ON JUN 29	---	---	1966
1967	---	---	---	---	1967
1968	920 AT 03 30 PST ON JUL 16	835 ON JUL 16	---	---	1968
1969	---	456 ON MAY 29	---	---	1969
1970	---	---	---	---	1970
1971	---	501 ON JUN 5	---	---	1971
1972	---	695 ON MAY 30	---	---	1972
1973	1 040 AT 15 30 MST ON JUN 8	834 ON JUN 8	8 500 ON MAR 11	3 070 000	1973
1974	716 AT 16 20 MST ON JUN 23	683 ON JUN 23	13.0 E ON FEB 23	3 100 000	1974
1975	885 AT 10 00 MST ON JUN 4	796 ON JUN 4	16.6 E ON MAR 26	3 330 000	1975
1976	---	653 ON JUN 10	13.0 E ON MAR 15	3 330 000	1976
1977	938 AT 19 50 MST ON JUN 3	697 ON JUN 3	13.6 E ON MAR 16	3 060 000	1977
1978	1 350 AT 17 40 MST ON JUL 3 c	1 100 ON JUL 3 c	13.2 E ON JAN 10	3 470 000	1978
1979	806 AT 09 10 MST ON MAY 27	709 ON MAY 27	13.9 E ON MAR 8	3 100 000	1979
1980	570 AT 07 50 MST ON JUN 17	527 ON JUN 17	20.0 E ON JAN 1	3 700 000	1980
1981	943 AT 16 35 MST ON JUN 8	686 ON JUN 8	19.3 E ON APR 8	3 420 000	1981
1982	---	5555 ON JUN 4	11.2 E ON APR 7	3 440 000	1982
1983	---	3000 ON MAY 31	13.6 E ON MAR 7	3 250 000	1983
1984	933 AT 16 30 MST ON JUN 5	672 ON JUN 5	11.0 E ON OCT 29	3 450 000	1984
1985	645 AT 13 40 MST ON JUN 4	630 ON JUN 4	11.4 E ON MAR 13	3 360 000	1985
1986	753 AT 06 31 MST ON MAY 31	699 ON MAY 31	8.000 ON MAR 31 c	3 140 000	1986
				3 930 000	MEAN

E - ICE CONDITIONS c - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

FRESHWATER CREEK NEAR CAMBRIDGE BAY - STATION NO. 10TF001

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	---	5.31	2.46	0.630	0	---	---	1970
1971	---	---	---	---	---	---	---	6.38	7.39	1.80	0	0	---	1971
1972	0	0	0	0	0	---	---	---	5.97	1.07	0.006	0	---	1972
1973	---	---	---	---	---	---	19.8	5.67	2.64	0.650	0.023	---	---	1973
1974	---	---	---	---	---	---	27.6	5.79	1.47	---	---	---	---	1974
1975	0	0	0	0	0	10.0	15.4	3.87	1.28	0.219	0.001	0	5.12	1975
1976	0	0	0	0	0	---	---	9.42	2.65	0.197	0	0	---	1976
1977	0	0	0	0	0	---	---	6.77	2.69	0.989	0.102	0	---	1977
1978	0	0	0	0	0	0.011	35.9	17.2	6.88	1.72	0.009	0	10.4	1978
1979	0	0	0	0	0	0.052	26.5	10.3	3.59	1.00	0.202	0.003	8.56	1979
1980	0	0	0	0	0	10.1	22.2	9.89	4.79	0.817	0	0	7.96	1980
1981	0	0	0	0	0	11.6	14.2	6.44	3.19	0.357	0	0	5.85	1981
1982	0	0	0	0	0	12.8	35.9	9.32	1.82	0.075	0	0	10.0	1982
1983	0	0	0	0	0	15.6	18.9	5.61	2.55	1.77	0.068	0	7.38	1983
1984	---	---	---	---	0	9.82	16.9	5.45	2.13	0.656	---	---	5.81	1984
1985	---	---	---	---	0	20.3	23.1	7.01	3.31	0.947	---	---	9.08	1985
1986	---	---	---	---	0	0.238	30.5	9.10	3.97	0.239	---	---	7.33	1986
MEAN	0	0	0	0	0	9.04	23.9	7.78	3.43	0.821	0.032	0	7.60	MEAN

LOCATION - LAT. 69 07 02 N DRAINAGE AREA, 1 480 km²
LONG. 104 59 26 W NATURAL FLOW

FRESHWATER CREEK NEAR CAMBRIDGE BAY - STATION NO. 10TF001

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1970	---	---	0.0148 ON OCT 31	---	1970
1971	---	---	---	---	1971
1972	---	---	0 B ON MAY 1 *	---	1972
1973	---	---	---	---	1973
1974	---	---	0 B ON OCT 15	---	1974
1975	38.0A AT 12:00 MST ON JUN 20	37.7A ON JUN 26	0 ON MAY 1	81 600	1975
1976	---	---	0 B ON MAY 1	---	1976
1977	---	---	0 B ON MAY 1	---	1977
1978	61.9 AT 11:00 MST ON JUL 15 *	61.2 ON JUL 15 *	0 B ON MAY 1	185 000	1978
1979	---	38.2E ON JUL 10	0 B ON MAY 1	111 000	1979
1980	---	33.9E ON JUN 30	0 B ON MAY 1	127 000	1980
1981	---	25.1E ON JUN 23	0 B ON MAY 1	84 400	1981
1982	---	60.0E ON JUN 30	0 B ON MAY 1	159 000	1982
1983	37.7 AT 23:35 MST ON JUN 25	37.0 ON JUN 24	0 B ON MAY 1	117 000	1983
1984	39.5 AT 12:35 MST ON JUN 29	39.3 ON JUN 28	0 B ON MAY 1	92 400	1984
1985	---	46.5E ON JUN 26	0 B ON MAY 1	144 000	1985
1986	---	49.0E ON JUL 5	0 B ON MAY 1	116 000	1986
				121 000	MEAN

A - MANUAL GAUGE
1969 REFERENCE (MODIFIED)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

COPPER RIVER NEAR THE MOUTH - STATION NO. 10QC002

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO DEC IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	---	---	---	---	8.84	5.42	1.75	0.100	---	1977
1978	0.051	0	0	0	0.151	24.0	50.0	18.9	7.10	1.71	0.325	0.057	12.6	1978
1979	0	0	0	0	0.180	51.2	36.0	7.74	5.03	2.58	0.787	0.130	13.0	1979
1980	0	0	0	0	3.03	28.6	13.2	12.3	15.0	2.80	0.415	0	9.12	1980
1981	0	0	0	0	0.74	43.3	17.4	7.46	16.8	7.40	1.46	0.028	12.2	1981
1982	0	0	0	0	0	13.2	28.3	30.5	24.1	8.99	0.775	0.077	12.8	1982
1983	---	---	---	---	0	28.7	21.2	17.4	17.0	7.41	0.502	0.027	11.5	1983
1984	---	---	---	---	---	---	14.1	12.9	15.1	6.04	1.32	0	---	1984
1985	---	---	---	---	3.34	48.0	33.8	20.1	32.0	9.95	1.19	0	18.4	1985
1986	---	---	---	---	0.106	57.5	39.1	8.85	10.6	4.85	0.467	0	15.2	1986
MEAN	0.004	0	0	0	0.945	36.7	27.8	15.0	15.8	5.60	0.803	0.042	13.1	MEAN

LOCATION - LAT. 66 46 31 N DRAINAGE AREA, 1 530 km²
LONG. 107 06 13 W NATURAL FLOW

GORDON RIVER NEAR THE MOUTH - STATION NO. 10QC002

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO DEC FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1977	---	---	---	---	1977
1978	116 AT 11:35 MST ON JUN 26	112 ON JUN 26	0B ON MAY 1 *	265 000	1978
1979	110 AT 21:15 MST ON JUN 25	108 ON JUN 25	0B ON MAY 1	276 000	1979
1980	43.2 AT 18:45 MST ON JUN 17	41.8 ON JUN 18	0B ON MAY 1	183 000	1980
1981	---	108 E ON JUN 5	0B ON MAY 1	258 000	1981
1982	---	64.0E ON JUN 28	0B ON MAY 1	270 000	1982
1983	---	81.0E ON JUN 22	0B ON MAY 1	243 000	1983
1984	---	---	0B ON MAY 1	---	1984
1985	98.8 AT 12:37 MST ON JUN 5	97.1 ON JUN 5	0B ON MAY 1	390 000	1985
1986	228 AT 02:21 MST ON JUN 26 *	221 ON JUN 25 *	0B ON MAY 1	332 000	1986
				277 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

GREAT BEAR RIVER AT OUTLET OF GREAT BEAR LAKE - STATION NO. 10JC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1961	---	---	---	---	572	691	724	749	748	687	627	616	---	1961
1962	---	---	---	---	577	---	---	719	695	648	601	598	---	1962
1963	579	561	551	530	537	808	854	672	678	606	576	564	593	1963
1964	547	530	520	514	520	638	680	672	655	635	645	589	586	1964
1965	551	533	548	525	515	588	637	654	655	669	643	647	596	1965
1966	597	600	588	484	514	595	670	683	677	---	---	---	---	1966
1967	---	---	---	---	---	---	---	539	591	---	---	---	---	1967
1968	---	---	---	---	---	---	---	---	553	535	525	514	---	1968
1969	494	477	470	468	480	514	546	583	595	581	568	554	528	1969
1970	540	527	518	512	505	536	559	581	595	582	558	540	546	1970
1971	522	520	518	517	533	612	631	632	626	615	585	564	573	1971
1972	550	547	540	540	530	555	613	615	601	583	559	537	564	1972
1973	524	531	521	507	538	580	616	613	616	582	486	497	550	1973
1974	524	515	511	501	508	536	594	575	566	548	537	534	534	1974
1975	538	541	524	509	528	583	591	583	571	552	522	510	546	1975
1976	508	503	494	494	513	536	541	549	539	518	484	469	511	1976
1977	449	442	445	480	511	523	548	540	529	514	487	487	495	1977
1978	477	470	453	440	446	481	501	505	505	484	464	436	471	1978
1979	481	427	400	399	431	491	499	494	496	484	456	424	457	1979
1980	434	427	425	423	460	504	519	530	525	521	485	457	475	1980
1981	459	452	457	453	459	484	---	---	490	498	481	484	---	1981
1982	466	459	443	442	448	486	521	534	532	519	---	---	---	1982
1983	---	---	---	---	---	507	531	540	542	---	---	---	---	1983
1984	---	---	---	---	---	532	---	---	---	592	570	559	---	1984
1985	558	549	539	531	542	583	592	613	599	578	525	540	562	1985
1986	536	524	517	506	514	578	584	607	599	574	583	545	554	1986
MEAN	516	507	497	487	508	553	587	599	591	569	542	530	538	MEAN

LOCATION - LAT 65 08 05 N
LONG 123 31 06 W
DRAINAGE AREA, 145 000 km^2
NATURAL FLOW

GREAT BEAR RIVER AT OUTLET OF GREAT BEAR LAKE - STATION NO. 10JC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1961	---	779 ON AUG 7	515 ON NOV 25	---	1961
1962	---	852 ON AUG 12 *	561E ON MAY 1	---	1962
1963	---	691 ON AUG 21	507 ON MAY 6	18 700 000	1963
1964	---	708 ON NOV 3	510E ON MAR 21	18 800 000	1964
1965	---	725 ON OCT 5	487 ON MAY 14	18 800 000	1965
1966	---	699 ON SEP 4	428 ON APR 16	---	1966
1967	---	614 ON SEP 18	524 ON AUG 11	---	1967
1968	---	555E ON SEP 1	504E ON DEC 30	---	1968
1969	---	614 ON SEP 10	459 ON MAY 6	16 800 000	1969
1970	646 AT 10:00 MST ON OCT 18 *	606 ON SEP 4	501E ON MAY 16	17 200 000	1970
1971	---	648 ON JUL 21	498 ON MAY 9	16 100 000	1971
1972	623A ON JUL 26	623E ON JUL 23	521 ON DEC 6	17 000 000	1972
1973	---	640 ON JUL 14	468A ON NOV 27	17 300 000	1973
1974	---	578E ON AUG 7	493 ON APR 29	16 900 000	1974
1975	---	609 ON JUN 30	490 ON APR 23	17 200 000	1975
1976	---	561 ON SEP 21	466E ON DEC 22	16 200 000	1976
1977	---	559 ON JUL 16	436 ON JAN 22	15 800 000	1977
1978	544 AT 09:00 MST ON AUG 2	518 ON AUG 31	428B ON DEC 30	16 900 000	1978
1979	522 AT 06:50 MST ON SEP 13	506 ON JUL 22	367 ON DEC 9 *	14 400 000	1979
1980	551 AT 11:55 MST ON AUG 7	544 ON AUG 7	407 ON JAN 10	15 000 000	1980
1981	---	520 ON OCT 1	431 ON NOV 6	---	1981
1982	---	544 ON AUG 15	428 ON MAR 27	---	1982
1983	---	550E ON AUG 26	---	---	1983
1984	535 AT 02:09 MST ON SEP 29	516 ON SEP 15	---	---	1984
1985	---	620 ON AUG 28	461 ON NOV 20	17 700 000	1985
1986	624 AT 17:19 MST ON AUG 13	620 ON AUG 14	490 ON FEB 15	17 500 000	1986
				17 000 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

HALDANE RIVER NEAR THE MOUTH - STATION NO 10JD001

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	---	---	---	---	1 78	0 850	0 310	0 035	0	---	1975
1976	0	0	0	---	---	---	12 9	4 46	3 13	2 39	0 977	0 215	---	1976
1977	0	0	0	0 088	18 5	155	24 2	5 04	2 80	1 87	0 566	0 153	34 3	1977
1978	0	0	0	0	0	106	33 9	5 61	1 16	0 539	0 108	---	23 9	1978
1979	0	0	0	0	22 9	66 1	10 6	2 63	1 69	0 927	0 046	0	17 8	1979
1980	0	0	0	0	29 7	148	22 1	5 15	3 03	2 74	0 786	0	34 7	1980
1981	---	---	---	---	---	83 9	15 9	8 14	11 6	9 12	0 878	0 003	---	1981
1982	0	0	0	0	52 2	---	---	7 90	4 78	3 19	0 473	0 005	---	1982
1983	0	0	0	0	0 459	114	21 1	5 79	3 25	2 70	1 58	0 137	24 2	1983
1984	---	---	---	---	52 4	92 3	16 5	16 0	13 2	6 65	0 128	---	32 5	1984
1985	---	---	---	---	3 98	60 5	13 0	3 86	1 98	0 734	0 022	0	13 8	1985
1986	0	0	0	0	33 2	133	39 5	13 3	8 81	6 53	1 73	0 030	37 0	1986
MEAN	0	0	0	0 013	33 5	104	21 4	6 54	4 80	3 02	0 810	0 054	27 3	MEAN

LOCATION - LAT 66 51 30 N DRAINAGE AREA, 3 940 km²
LONG 121 15 55 W NATURAL FLOW

HALDANE RIVER NEAR THE MOUTH - STATION NO 10JD001

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1975	---	---	0 0998 ON OCT 31	---	1975
1976	---	---	1 51 B ON OCT 31	---	1976
1977	---	524E ON JUN 4 *	0 580B ON MAY 1	565 000	1977
1978	236 AT 12 00 MST ON JUN 15	210 ON JUN 16	0 B ON MAY 1 *	381 000	1978
1979	107 AT 23 30 MST ON JUN 1	103 ON JUN 2	0 B ON MAY 1	284 000	1979
1980	283 AT 17 55 MST ON JUN 14 *	276 ON JUN 15	0 B ON MAY 1	552 000	1980
1981	212 AT 04 58 MST ON MAY 28	206 ON MAY 28	---	---	1981
1982	---	---	0 B ON MAY 1	---	1982
1983	200 AT 09 07 MST ON JUN 13	190B ON JUN 8	0 B ON MAY 1	385 000	1983
1984	---	250E ON MAY 31	0 B ON MAY 1	517 000	1984
1985	---	130A ON JUN 7	0 B ON MAY 1	220 000	1985
1986	189 AT 15 46 MST ON JUN 6	180 ON JUN 6	0 B ON MAY 1	588 000	1986
				434 000	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

HANBURY RIVER ABOVE HOARE LAKE - STATION NO 06JB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	---	46 5	---	---	31 4	14 8	7 57	---	1971
1972	3 92	3 23	2 12	---	---	---	71 6	39 4	35 4	15 5	5 36	4 03	---	1972
1973	3 91	---	---	---	---	---	46 7	26 5	33 4	45 8	32 4	20 1	---	1973
1974	7 05	---	---	---	---	---	45 1	25 6	15 2	9 90	6 65	4 14	---	1974
1975	5 31	3 71	3 53	---	---	---	---	24 1	23 4	18 4	12 2	5 88	---	1975
1976	2 24	---	---	---	---	---	48 6	24 6	21 8	15 7	12 2	7 36	---	1976
1977	4 50	3 08	2 59	---	---	117	60 6	28 3	21 0	18 4	11 5	7 15	---	1977
1978	5 70	4 55	4 56	4 10	5 73	65 9	89 1	50 1	33 0	13 4	6 08	6 17	34 4	1978
1979	5 28	4 80	4 45	4 25	4 30	86 3	89 7	38 6	31 5	13 0	8 14	3 58	23 8	1979
1980	1 58	1 07	0 718	0 817	18 6	37 5	21 0	13 5	13 7	11 9	7 01	4 80	10 2	1980
1981	3 36	3 04	2 93	2 85	12 7	113	71 0	35 1	33 0	13 6	8 84	3 88	24 3	1981
1982	---	---	---	---	---	---	63 5	31 6	25 8	23 6	14 1	11 2	---	1982
1983	6 94	6 13	4 29	4 17	4 25	80 4	84 4	64 2	66 0	50 4	17 3	8 44	33 1	1983
1984	12 5	11 3	10 2	9 36	16 7	95 9	85 3	44 0	26 5	18 1	8 11	4 80	28 9	1984
1985	4 55	4 36	4 17	3 98	---	---	81 2	49 9	29 8	18 8	11 2	7 69	---	1985
1986	5 61	4 52	4 36	4 21	60 3	171	99 4	46 7	25 0	14 7	8 00	7 06	37 7	1986
MEAN	5 18	4 38	3 99	4 33	17 6	94 6	66 2	38 4	25 8	21 1	11 9	7 35	25 6	MEAN

LOCATION - LAT 63 36 07 N DRAINAGE AREA, 5 770 km²
LONG 105 07 52 W NATURAL FLOW

NORTHWEST TERRITORIES

HANBURY RIVER ABOVE HOARE LAKE - STATION NO. 06JB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	---	---	---	---	1971
1972	---	---	---	---	1972
1973	---	---	1.70 B ON MAR 1	---	1973
1974	---	---	---	---	1974
1975	---	---	---	---	1975
1976	---	---	---	---	1976
1977	---	---	---	---	1977
1978	---	119 E ON JUN 27	3.96 B ON APR 22	970 000	1978
1979	---	137 E ON JUN 23	1.83 B ON DEC 31	980 000	1979
1980	---	---	---	---	1980
1981	---	31.1E ON JUN 5	0.6388 ON APR 10 *	322 000	1981
1982	---	136 E ON JUN 10	2.81 B ON APR 28	785 000	1982
1983	---	---	---	---	1983
1984	1138 AT 20 33 MST ON JUN 9 *	130 E ON JUN 21	4.11 B ON MAY 22	1 040 000	1984
		107 ON JUN 16	4.80 B ON DEC 31	851 000	
1985	---	---	---	---	1985
1986	---	193 E ON JUN 5 *	4.13 B ON APR 30	1 190 000	1986
				913 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

HANS CREEK NEAR INUVIK - STATION NO. 10ND001

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR APR TO DEC IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	0.001	10.9	3.37	0.708	4.64	---	---	---	---	1977
1978	---	---	---	---	---	5.84	4.67	0.878	0.350	---	---	---	---	1978
1979	0	0	0	0	3.25	8.77	1.62	---	---	1.03	0.436	0.007	---	1979
1980	0	0	0	0	0	25.0	5.81	0.827	0.711	0.717	0.127	0	4.65	1980
1981	0	0	0	0	0	9.16	2.22	2.34	1.80	0.735	0.307	0	1.65	1981
1982	0	0	0	0	0.011	7.53	2.30	0.340	0.084	0.016	0.001	0	1.13	1982
1983	0	0	0	0	0.006	5.44	1.17	0.132	0.482	0.023	0.002	0	0.793	1983
1984	0	0	0	0	0.045	4.30	0.807	0.182	0.032	0	0	0	0.587	1984
1985	0	0	0	0	0	4.26	1.50	0.439	0.342	0.176	0.087	0.008	0.767	1985
1986	0	0	0	0	0.288	9.47	2.70	0.726	1.04	0.494	0.193	0.032	1.83	1986
MEAN	0	0	0	0										MEAN

LOCATION - LAT 68 51 55 N
LONG 133 29 54 W
DRAINAGE AREA, 337 km^2
NATURAL FLOW

HANS CREEK NEAR INUVIK - STATION NO. 10ND001

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO DEC FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1977	32.3 AT 11 00 MST ON JUL 4 *	30.8 ON JUN 4	0 ON MAY 1 B	---	1977
1978	24.8 AT 07 00 MST ON JUN 14	23.5 ON JUN 14	---	---	1978
1979	---	17.8 B ON MAY 28	0E ON APR 1	---	1979
1980	---	87.0 B ON JUN 18 *	0E ON APR 1	115 000	1980
1981	---	28.8 ON JUN 5	0E ON APR 1	39 700	1981
1982	16.9 AT 03 26 MST ON JUN 7	16.8 ON JUN 7	0E ON APR 1	25 800	1982
1984	---	10.9 E ON JUN 7	0E ON APR 1	14 800	1984
1985	10.7 AT 03 54 MST ON JUN 6	9.80 ON JUN 6	0E ON APR 1	13 900	1985
1986	---	10.9 E ON JUN 13	0E ON APR 1	17 800	1986
				34 800	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

HARRIS RIVER NEAR THE MOUTH - STATION NO. 10GC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	---	---	---	---	---	---	---	---	1972
1973	0	0	0	0.068	3.86	1.09	0.780	0.112	0.184	0.087	0.010	0.002	0.526	1973
1974	0	0	0	0.018	9.67	3.83	1.03	0.809	0.585	0.596	0.134	0.003	1.38	1974
1975	0	0	0	1.24	15.2	1.82	0.134	0.107	0.168	1.36	0.063	0.060	1.70	1975
1976	0.022	0.016	0.009	5.80	9.80	2.11	0.126	0.655	1.05	0.406	0.103	0.006	1.88	1976
1977	0	0	0	0.083	5.35 B	1.02 B	0.8148	0.017	0.003	0.033	0.003	0	0.6848	1977
1978	0	0	0	0.004	5.62	1.56	1.01 B	0.070	0.010	0.006	0.007	0	0.8830	1978
1979	0	0	0	0	7.56	3.03	0.575	0.014	0.003	0	0	0	0.941	1979
1980	0	0	0	0.008	0.188	0.057	0.008	0	0.001	0.011	0.005	0	0.023	1980
1981	0	0	0	0	4.23	0.381	0.638	0.181	1.19	5.86	1.81	0.315	1.66	1981
1982	0.033	0.005	0.005	0.036	24.1	5.88	1.63	1.70	3.10	2.60	0.407	0.152	3.31	1982
1983	0.080	0.031	0.032	2.08	17.2	5.08	0.272	0.081	0.0459	0.060	0.055	0.004	2.11 B	1983
1984	0	0	0	1.74	6.31	1.98	2.23	1.62	0.388	0.861	0.0649	0.010	1.06 B	1984
1985	0	0	0	0.001	18.5	3.35	1.08	0.245	0.053	0.020	0.008	0.001	1.85	1985
1986	0	0	0	0	12.5	4.19	1.59	0.590	0.716	0.306	0.160	0.002	1.76	1986
MEAN	0.008	0.004	0.003	0.789	9.99 A	2.54 B	0.8589	0.407	0.5389	0.880	0.1958	0.039	1.36	MEAN

LOCATION - LAT 61 52 41 N
LONG 121 17 26 W
DRAINAGE AREA, 701 km^2
NATURAL FLOW

B - REVISED SINCE JAN 1986

HARRIS RIVER NEAR THE MOUTH - STATION NO 10GC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	---	---	0 B ON NOV 9 *	---	1972
1973	8.58 R AT 09 00 MST ON MAY 7	8.44 B ON MAY 7	0 B ON JAN 1	16 600	1973
1974	25.4 AT 04 30 MST ON MAY 17	24.8 ON MAY 16	0 B ON JAN 1	43 500	1974
1975	38.2 AT 18 00 MST ON MAY 3 *	36.2 ON MAY 4	0 B ON JAN 1	53 600	1975
1976	---	28.5 E ON APR 30	0 B ON DEC 15	53 400	1976
1977	---	15.0 RE ON MAY 15	0 B ON JAN 1	21 600R	1977
1978	---	10.5 B ON MAY 7	0 B ON JAN 1	21 500R	1978
1979	14.8 AT 22 00 MST ON MAY 20	14.7 ON MAY 21	0 B ON JAN 1	29 600	1979
1980	0.508 AT 22 00 MST ON MAY 15	0.422 ON MAY 15	0 B ON JAN 1	735	1980
1981	16.1 B AT 14 18 MST ON MAY 8	15.1 B ON MAY 7	0 B ON JAN 1	46 800	1981
1982	---	43.5 A ON MAY 22	0.0028 ON APR 1	104 000	1982
1983	31.7 AT 14 33 MST ON MAY 1	31.3 ON MAY 1	0 B ON DEC 16	86 700R	1983
1984	---	7.49 ON MAY 2	0 B ON JAN 1	33 000R	1984
1985	---	88.3 A ON MAY 13 *	0 B ON JAN 1	81 600	1985
1986	32.4 AT 12 42 MST ON MAY 12	32.1 ON MAY 12	0 B ON JAN 1	54 800	1986
				43 400R	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1 1986

HAY RIVER NEAR HAY RIVER - STATION NO 07OB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1929	---	---	---	---	---	---	---	96.1	46.8	47.5	28.2	14.2	---	1929
1930	12.5	12.7	14.3	---	---	---	---	---	---	---	26.1	12.1	---	1930
1931	10.5	8.25	11.1	17.7	---	---	---	---	---	---	---	---	---	1931
1963	---	---	---	---	---	---	199	233	144	127	45.1	16.2	---	1963
1964	6.03	4.03	3.22	13.2	480	199	92.1	150	118	101	46.9	8.99	102	1964
1965	4.65	3.27	2.65	82.1	421	143	74.4	55.4	12.8	26.3	17.4	5.29	71.3	1965
1966	1.88	1.36	0.816	22.1	316	137	123	68.3	28.6	15.8	8.75	4.46	61.3	1966
1967	3.05	4.12	2.12	1.69	582	232	111	102	19.2	28.3	14.6	7.00	93.3	1967
1968	3.14	2.21	1.85	95.7	353	178	118	93.8	43.0	32.3	16.3	7.68	79.1	1968
1969	3.82	2.72	1.71	182	554	248	142	83.0	66.7	66.6	22.1	7.84	116	1969
1970	2.99	2.13	1.64	8.90	275	169	56.5	12.0	12.9	14.1	8.39	2.67	49.2	1970
1971	1.83	1.01	0.781	51.5	273	111	111	21.7	17.7	16.0	9.00	4.58	52.0	1971
1972	2.96	2.23	1.36	1.03	585	176	150	63.0	23.0	12.0	6.95	4.40	86.7	1972
1973	2.02	0.724	1.27	95.8	393	229	275	211	160	75.5	27.3	9.77	124	1973
1974	4.12	1.98	0.419	71.5	799	322	241	162	139	80.8	33.2	8.62	157	1974
1975	3.64	1.44	1.53	59.6	352	264	224	109	92.4	56.3	19.0	8.08	99.9	1975
1976	3.48	3.40	2.93	170	360	392	313	327	333	206	112	56.9	190	1976
1977	25.2	10.8	8.04	170	393	770	581	344	197	142	72.4	30.5	230	1977
1978	10.2	5.23	4.54	5.52	433	274	130	101	176	129	44.8	14.1	111	1978
1979	5.76	3.46	2.14	9.33	448	691	333	172	142	107	63.5	10.0	186	1979
1980	3.86	3.19	2.89	29.6	38.3	28.8	19.2	28.6	21.9	40.2	18.0	4.08	19.9	1980
1981	1.97	1.63	1.65	2.19	419	112	41.7	11.3	5.07	6.09	4.51	2.83	51.5	1981
1982	1.73	1.65	1.85	2.73	398	168	55.5	24.0	25.2	15.4	7.30	2.81	59.3	1982
1983	1.86	1.50	1.16	46.0	368	196	90.7	55.3	32.6	22.2	11.7	4.41	89.8	1983
1984	1.85	1.15	0.880	36.8	57.3	176	387	149	212	150	66.3	16.5	105	1984
1985	7.49	3.47	2.24	38.8	768	257	158	163	231	188	50.0	15.6	159	1985
1986	6.00	5.84	4.17	17.0	570	358	306	165	63.9	48.0	21.3	9.05	132	1986
MEAN	5.29	3.57	3.09	51.3	419	254	181	120	94.6	70.1	30.8	11.3	104	MEAN

LOCATION - LAT 60 44 45 N
LONG 115 51 20 W
DRAINAGE AREA, 47 900 km^2
NATURAL FLOW

REMARKS - G.S.C. LEVELS TIED INTO THE 1949 CIRCUIT

NORTHWEST TERRITORIES

MAY RIVER NEAR MAY RIVER - STATION NO. 07OB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1929	---	---	---	---	1929
1930	---	---	10.2 B ON DEC 24	---	1930
1931	---	---	7.83 B ON FEB 14	---	1931
1963	---	---	---	---	1963
1964	---	7258 ON MAY 6	2.56 B ON APR 17	3 250 000	1964
1965	---	7088 ON MAY 1	1.61 B ON DEC 28	2 250 000	1965
1966	---	521 ON MAY 15	0.5668 ON MAR 8	1 930 000	1966
1967	1 020 AT 20:30 MST ON MAY 10	957 ON MAY 11	0.9068 ON APR 4	2 840 000	1967
1968	524 AT 18:00 MST ON MAY 6	518 ON MAY 6	1.58 B ON MAR 19	2 500 000	1968
1969	---	889 ON MAY 7	1.46 B ON MAR 11	3 650 000	1969
1970	---	3748 ON MAY 3	1.16 B ON APR 12	1 550 000	1970
1971	---	800E ON MAY 1	0.2838 ON FEB 11	1 840 000	1971
1972	---	1 020B ON MAY 9	0.3408 ON APR 19	2 750 000	1972
1973	---	595 ON APR 29	0.5668 ON FEB 13	3 920 000	1973
1974	---	1 180 ON MAY 3	0.1958 ON APR 9 *	4 840 000	1974
1975	---	5808 ON APR 30	1.00 B ON FEB 20	3 150 000	1975
1976	---	685 ON APR 30	2.52 B ON MAR 15	6 020 000	1976
1977	1 080 AT 16:45 MST ON JUN 15	1 080 ON JUN 14	7.11 B ON APR 4	7 250 000	1977
1978	---	8188 ON MAY 3	3.94 B ON APR 18	3 510 000	1978
1979	---	1 120E ON JUN 5	1.92 B ON APR 4	5 280 000	1979
1980	---	120A ON APR 28	2.22 B ON DEC 31	830 000	1980
1981	---	790B ON MAY 4	1.57 B ON APR 23	1 820 000	1981
1982	---	6578 ON MAY 8	0.2748 ON MAR 15	1 870 000	1982
1983	---	550B ON APR 30	0.9308 ON APR 7	2 200 000	1983
1984	621 AT 17:56 MST ON JUL 8	617 ON JUL 8	0.8008 ON APR 9	3 330 000	1984
1985	---	1 350B ON MAY 5 *	2.00 B ON MAR 31	5 000 000	1985
1986	1 440 AT 20:44 MST ON MAY 5 *	900B ON MAY 6	3.57 B ON MAR 30	4 180 000	1986
				3 280 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

HAYES RIVER ABOVE CHANTREY INLET - STATION NO. 10SB001

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO DEC IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	---	---	88.8	117	20.3	1.09	0	---	1971
1972	0	0	0	0	0	---	---	---	---	---	---	0	---	1972
1973	0	0	0	0	5.32	550	210	572	384	82.5	0	0	210	1973
1974	0	0	0	0	8.94	417	148	148	34.9	0	0	0	93.8	1974
1975	0	0	0	0	13.6	565	181	61.9	206	41.1	1.24	0	145	1975
1976	0	0	0	0	0.347	623	725	86.2	78.4	22.9	0	0	192	1976
1977	0	0	0	0	0.292	711	858	365	133	68.7	8.86	0	241	1977
1978	0	0	0	0	0	0.973	521	218	146	11.3	0	0	113	1978
1979	0	0	0	0	0	298	839	214	183	30.3	1.36	0	168	1979
1980	0	0	0	0	0	---	---	---	393	225	32.3	0.265	0	---	1980
1981	---	---	0	0	0	---	---	---	184	223	85.1	---	---	---	1981
1982	---	---	0	0	0	0.034	698	574	197	187	41.1	2.81	0	211	1982
1983	0	0	0	0	0	402	508	195	139	34.4	3.25	0	180	1983
1984	0	0	0	0	0	0.024	935	306	243	212	46.9	16.3	2.79	231	1984
1985	---	---	---	---	---	1.80	912	348	120	222	42.4	5.76	0	208	1985
1986	0	0	0	0	0	0.113	437	713	106	76.2	25.0	3.69	0	170	1986
MEAN	0	0	0	0	0	1.90	554	481	218	163	35.5	3.01	0.186	178	MEAN

LOCATION - LAT 67 32 00 N
LONG 94 06 53 W
DRAINAGE AREA, 18 100 km^2
NATURAL FLOW

HAYES RIVER ABOVE CHANTREY INLET - STATION NO. 10SB001

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO DEC FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	---	---	0B ON DEC 1 *	---	1971
1972	---	---	0B ON MAY 1	---	1972
1973	---	954E ON JUN 15	0B ON MAY 1	4 440 000	1973
1974	---	609E ON JUN 18	0B ON MAY 1	1 990 000	1974
1975	---	934E ON JUN 15	0B ON MAY 1	3 080 000	1975
1976	3 280 AT 05:21 CST ON JUN 30	3 230 ON JUN 30	0B ON MAY 1	4 040 000	1976
1977	---	2 800B ON JUN 27	0B ON MAY 1	5 080 000	1977
1978	---	1 380E ON JUL 15	0B ON MAY 1	2 400 000	1978
1979	---	1 050E ON JUL 1	0B ON MAY 1	3 560 000	1979
1980	---	1 620A ON JUL 10	0B ON MAY 1	---	1980
1981	---	---	0B ON MAY 1	---	1981
1982	3 390 AT 00:50 CST ON JUN 25 *	3 390 ON JUN 25 *	0B ON MAY 1	4 480 000	1982
1983	---	1 580E ON JUN 25	0B ON MAY 1	3 380 000	1983
1984	2 310 AT 18:35 CST ON JUN 23	2 310 ON JUN 23	0B ON MAY 1	4 880 000	1984
1985	---	2 020A ON JUN 15	0B ON MAY 1	4 330 000	1985
1986	2 850 AT 01:00 CST ON JUN 29	2 760 ON JUN 28	0B ON MAY 1	3 600 000	1986
				3 770 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

INDIN RIVER ABOVE CHALCO LAKE - STATION NO 07SA004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	---	---	---	---	2.57	2.32	2.12	1.51	---	1977
1978	1.08	0.759	0.490	0.346	1.15	14.3	14.4	5.56	3.44	3.12	2.67	1.88	4.20	1978
1979	1.33	1.03	0.797	0.617	6.75	34.9	15.0	5.57	3.17	2.41	1.99	1.42	8.24	1979
1980	1.06	0.804	0.586	0.467	8.81	16.3	7.92	3.31	1.98	2.21	2.33	1.71	3.96	1980
1981	---	---	---	---	---	---	---	---	---	---	3.91	3.77	---	1981
1982	2.22	1.25	0.746	0.526	2.94	25.8	15.4	7.85	4.79	3.70	2.82	1.64	5.80	1982
1983	1.76	1.30	0.837	0.431	0.386	17.5	21.7	12.3	9.41	9.52	8.76	8.82	7.51	1983
1984	3.22	2.05	1.34	1.09	12.8	56.7	33.1	15.6	9.82	7.87	4.77	2.64	12.6	1984
1985	1.77	1.42	1.15	0.975	15.0	37.9	18.5	14.2	8.85	6.34	4.68	3.46	9.64	1985
1986	2.12	1.54	1.12	0.766	6.21	55.7	21.3	9.36	6.37	5.03	4.81	3.26	9.79	1986
MEAN	1.82	1.27	0.884	0.653	6.68	32.4	18.4	9.32	5.80	4.74	3.89	2.69	7.47	MEAN

LOCATION - LAT 64 23 20 N DRAINAGE AREA, 1 520 km²
LONG 115 01 16 W NATURAL FLOW

INDIN RIVER ABOVE CHALCO LAKE - STATION NO 07SA004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1977	---	---	---	---	1977
1978	21.9 AT 20 50 MST ON JUN 22	20.2 ON JUN 24	0.3238 ON APR 25 *	132 000	1978
1979	43.9 AT 09 18 MST ON JUN 6	43.8 ON JUN 6	0.5698 ON APR 28	197 000	1979
1980	---	17.6E ON JUN 14	0.3948 ON APR 15	125 000	1980
1981	---	---	---	---	1981
1982	33.6 AT 19 00 MST ON JUN 14	33.1 ON JUN 14	0.4888 ON APR 25	183 000	1982
1983	37.7 AT 09 32 MST ON JUN 27	36.2 ON JUN 27	0.3308 ON MAY 21	237 000	1983
1984	74.5 AT 10 02 MST ON JUN 8 *	74.0 ON JUN 8 *	1.05 B ON APR 20	398 000	1984
1985	49.5 AT 21 22 MST ON MAY 31	49.3 ON MAY 31	0.6808 ON MAY 6	304 000	1985
1986	58.4 AT 19 45 MST ON JUN 6	58.0 ON JUN 6	0.5018 ON MAY 8	309 000	1986
				236 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

INMAN RIVER NEAR THE MOUTH - STATION NO 10DC001

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	---	---	---	---	1.45	0.834	---	---	---	---	1975
1979	0	0	0	0	0	---	13.3	2.87	1.24	0.016	0	0	---	1979
1980	0	0	0	0	0	---	16.9	9.05	10.5	3.01	0	0	---	1980
1981	0	0	0	0	0.001	61.6	10.7	5.20	3.67	0.160	0	0	13.9	1981
1982	0	0	0	0	0.014	119	---	---	---	0.177	0	0	---	1982
1983	0	0	0	0	0.004	115	14.6	7.92	11.0	1.58	0	0	24.7	1983
1984	0	0	0	0	0.085	94.3	9.25	4.27	1.82	0.178	0	0	18.0	1984
1985	0	0	0	0	0	27.2	16.9	4.12	0.875	0.001	0	0	8.09	1985
1986	0	0	0	0	0	80.1	26.2	3.78	1.80	0.550	0.004	0	18.5	1986
MEAN	0	0	0	0	0.013	82.9	15.4	5.21	3.82	0.707	0.001	0	16.6	MEAN

LOCATION - LAT 69 06 32 N DRAINAGE AREA, 3 050 km²
LONG 118 28 34 W NATURAL FLOW

INMAN RIVER NEAR THE MOUTH - STATION NO 10DC001

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1975	---	---	---	---	1975
1979	---	---	---	---	1979
1980	---	---	0.0 ON MAY 1 *	---	1980
1981	---	253 B ON JUN 7	0.0 ON MAY 1	221 000	1981
1982	---	296 B ON JUN 25	0.0 ON MAY 1	---	1982
1983	---	385 B ON JUN 13 *	0.0 ON MAY 1	382 000	1983
1984	---	285 B ON JUN 8	0.0 ON MAY 1	388 000	1984
1985	79.4 AT 17 25 MST ON JUN 20	74.4 ON JUN 21	0.0 ON MAY 1	129 000	1985
1986	391 AT 08 45 MST ON JUN 24 *	373 ON JUN 24	0.0 ON MAY 1	284 000	1986
				284 000	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

JACKFISH CREEK NEAR FORT GOOD HOPE - STATION NO. 10LD002

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	---	---	0.329	0.089	0.031	0.064	0.585	0.007	0	---	1981
1982	0	0	0	0	1.42	0.889	0.099	0.014	0.045	0.045	0	0	0.419	1982
1983	0	0	0	0	0.819	0.940	0.215	0.443	0.501	0.164	0.015	0	0.511	1983
1984	0	0	0	0	0.481	1.00	0.129	0.417	1.33	0.059	0	0	0.563	1984
1985	0	0	0	0	2.15	0.630	0.413	0.120	0.066	0.023	0	0	0.570	1985
1986	0	0	0	0	0.868	0.457	0.042	0.013	0.042	0.041	0	0	0.244	1986
MEAN	0	0	0	0	1.15	0.708	0.165	0.173	0.341	0.150	0.004	0	0.461	MEAN

LOCATION - LAT 66 15 40 N DRAINAGE AREA, 62.9 km²
LONG 128 35 50 W NATURAL FLOW

JACKFISH CREEK NEAR FORT GOOD HOPE - STATION NO. 10LD002

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	---	---	---	---	1981
1982	---	4.30B ON MAY 22	0B ON MAY 1 *	6 650	1982
1983	---	4.56B ON MAY 28	0B ON MAY 1	8 140	1983
1984	4.26 AT 12 58 MST ON MAY 31 *	4.18 ON MAY 31	0B ON MAY 1	8 950	1984
1985	---	4.98E ON MAY 15 *	0B ON OCT 21	9 060	1985
1986	---	1.78E ON MAY 14	0B ON MAY 1	3 880	1986
				7 340	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

JEAN RIVER BELOW SLAVE RIVER - STATION NO. 07NC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	21.8	21.2	17.4	16.1	34.0	37.9	39.5	37.1	38.5	41.7	36.5	19.6	30.1	1980
MEAN	21.8	21.2	17.4	16.1	34.0	37.9	39.5	37.1	38.5	41.7	36.5	19.6	30.1	MEAN

LOCATION - LAT 61 14 55 N
LONG 113 19 50 W REGULATED SINCE 1968

JEAN RIVER BELOW SLAVE RIVER - STATION NO. 07NC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	46.0E ON OCT 29 *	12.9B ON MAR 25 *	953 000	1980
				953 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

JEAN-MARIE RIVER AT HIGHWAY NO. 1 - STATION NO. 10FB005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	19.0	3.11	0.850	0.674	0.423	0.317	0.276	---	1972
1973	0.258	0.169	0.138	0.296	10.0 R	12.3	8.51	2.08	1.77	0.734	0.380R	0.204	3.09 R	1973
1974	0.086	0.048	0.032	0.124	23.5	13.1	5.74	4.61	3.24	2.01	1.09	0.625	4.56	1974
1975	0.486	0.335	0.193	2.61	21.6 R	4.95 R	1.05 R	12.5 R	3.57 R	3.70 R	1.13	0.465	4.50 R	1975
1976	0.387	0.287	0.244	8.42	30.2	6.92	1.83	2.06	5.47	2.03	0.695	0.352	4.92	1976
1977	0.225	0.095	0.085	0.976	22.0	13.8	3.72	3.41	0.884	0.747	0.703	0.212	3.84	1977
1978	0.120	0.137	0.099	0.186	14.5	5.31	5.58	1.77	0.812	0.723	0.568	0.347	2.53	1978
1979	0.268	0.228	0.178	0.338	25.8	14.5	2.14	0.850	0.815	1.20	0.404	0.144	3.92	1979
1980	0.162	0.148	0.178	0.969	1.81	0.858	0.417	0.189	0.178	0.570	0.511	0.371	0.527	1980
1981	0.231	0.183	0.146	0.135	20.7	2.00	0.452	0.292	0.749	5.10	4.69	1.38	3.12	1981
1982	0.588	0.310	0.200	0.389	37.5	7.70	1.89	4.31	3.67	4.30	2.72	0.701	5.41	1982
1983	0.411	0.276	0.235	2.53	44.0	16.9	1.37	0.798	0.637	0.5.6	0.502	0.553	5.78	1983
1984	0.305	0.082	0.176	1.70	4.77	2.25	9.44	3.88	5.43	5.13	1.21	0.398	3.00	1984
1985	0.135	0.018	0.008	0.081	16.0	5.32	2.01	5.20	3.39	2.48	1.12	0.480	3.05	1985
1986	0.374	0.397	0.334	0.350	31.9	10.2	5.77	2.02	1.34	2.16	1.35	0.519	4.86	1986
MEAN	0.285	0.193	0.157	1.62	21.7 R	9.01 R	3.60 R	2.91 R	2.15 R	2.26 R	1.16 R	0.469	3.79	MEAN

LOCATION - LAT 61 26 45 N DRAINAGE AREA, 1 310 km²
LONG 121 14 28 W NATURAL FLOW

R - REVISED SINCE JAN 1986

REMARKS - FORMERLY CALLED "AT FORT SIMPSON HIGHWAY", FLOWS PRIOR TO 1976 WERE MOSTLY ESTIMATED AND SHOULD BE USED WITH DISCRETION

JEAN-MARIE RIVER AT HIGHWAY NO. 1 - STATION NO. 10FB005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	---	---	---	---	1972
1973	---	27.2 E ON JUL 3	0.1338 ON MAR 21	97 400R	1973
1974	---	47.3 E ON MAY 14	0.0288 ON APR 10	144 000	1974
1975	---	40.0 RE ON MAY 3	0.0578 ON APR 4	142 000R	1975
1976	---	90.6 ON MAY 2 *	0.2278 ON MAR 31	156 000	1976
1977	---	45.0 ON MAY 16	0.0828 ON FEB 21	121 000	1977
1978	---	26.5 ON MAY 8	0.0718 ON APR 1	79 600	1978
1979	---	54.6 ON MAY 22	0.1408 ON DEC 7	124 000	1979
1980	---	5.55A ON APR 27	0.106 ON SEP 2	18 700	1980
1981	---	54.7 A ON MAY 9	0.0738 ON APR 27	98 400	1981
1982	78.9 AT 11:13 MST ON MAY 19 *	78.5 ON MAY 19	0.1428 ON APR 19	170 000	1982
1983	61.9 AT 15:04 MST ON MAY 28	61.2 ON MAY 28	0.2318 ON MAR 23	182 000	1983
1984	15.1 AT 05:35 MST ON JUL 7	15.0 ON JUL 7	0.0588 ON FEB 28	95 000	1984
1985	43.2B AT 23:33 MST ON MAY 10	37.9 B ON MAY 10	0.0038 ON MAR 27 *	88 300	1985
1986	73.6 AT 18:32 MST ON MAY 12	73.2 ON MAY 12	0.2358 ON APR 10	153 000	1986
				120 000R	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1 1986

JOHNNY HOE RIVER ABOVE LAC STE. THERESE - STATION NO. 10JB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	---	---	---	---	38.7	29.2	17.6	9.98	---	1969
1970	5.92	4.44	4.20	4.97	78.1	80.4	64.4	69.8	74.7	64.8	36.3	21.0	42.7	1970
1971	11.2	6.26	4.88	---	---	---	50.8	21.6	14.3	11.8	9.34	8.53	---	1971
1972	3.70	1.72	---	---	---	---	---	36.3	22.1	9.75	6.14	5.25	---	1972
1973	4.81	4.35	4.75	5.89	254	105	78.0	38.8	32.8	25.4	16.6	9.55	48.8	1973
1974	6.57	3.73	2.86	3.12	161	156	81.8	36.3	25.4	21.9	18.3	14.8	44.5	1974
1975	11.3	7.88	4.84	---	---	---	---	---	---	---	---	7.34	---	1975
1976	5.85	5.01	4.08	---	---	91.4	36.5	21.4	16.9	7.52	4.38	3.79	---	1976
1977	2.97	1.97	1.74	---	---	---	38.9	14.7	8.94	5.84	4.40	2.67	---	1977
1978	2.11	1.91	1.78	1.78	75.2	91.9	57.0	29.0	15.2	9.23	4.73	4.27	24.6	1978
1979	3.36	2.04	1.75	2.34	155	117	42.6	20.9	13.6	12.1	5.31	3.09	31.8	1979
1980	2.74	2.58	2.47	5.08	114	73.3	41.4	24.3	29.2	27.2	11.5	8.20	28.6	1980
1981	---	---	---	---	---	50.4	41.9	18.4	8.58	10.6	7.61	5.20	---	1981
1982	3.81	2.78	2.00	1.88	155	176	62.5	42.6	43.1	44.2	26.1	18.0	48.4	1982
1983	13.9	11.6	9.94	9.81	94.5	208	66.5	31.5	18.6	12.9	8.73	5.81	41.0	1983
1984	3.76	2.87	2.75	17.1	114	43.3	44.1	61.0	82.2	50.0	31.1	8.64	38.5	1984
1985	3.30	2.21	1.63	1.51	172	221	87.8	49.8	35.7	27.7	18.4	13.0	53.0	1985
1986	10.1	8.30	7.09	6.51	279	214	89.8	51.5	43.8	27.7	18.0	14.5	64.6	1986
MEAN	5.97	4.35	3.76	5.45	150	125	59.0	35.5	30.9	23.4	14.4	8.97	42.4	MEAN

LOCATION - LAT 64 34 03 N, LONG 121 44 49 W
DRAINAGE AREA, 17 300 km^2
NATURAL FLOW

JOHNNY HOE RIVER ABOVE LAC STE. THERESE - STATION NO. 10JB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	---	---	---	1969
1970	---	1308 ON MAY 10	4.158 ON MAR 5	1 350 000	1970
1971	---	---	4.508 ON MAR 22	---	1971
1972	---	---	---	---	1972
1973	---	646 ON MAY 12 *	3.968 ON FEB 19	1 540 000	1973
1974	---	538E ON MAY 18	2.428 ON FEB 28	1 400 000	1974
1975	---	---	3.888 ON APR 13	---	1975
1976	---	---	---	---	1976
1977	---	---	---	---	1977
1978	144 AT 01 00 MST ON MAY 26	133 ON MAY 26	1.718 ON APR 9	777 000	1978
1979	357 AT 00 50 MST ON MAY 18 *	357 ON MAY 21	1.708 ON MAR 10	1 000 000	1979
1980	---	1708 ON MAY 10	2.408 ON MAR 18	905 000	1980
1981	---	---	---	---	1981
1982	---	3888 ON MAY 19	1.688 ON APR 1	1 530 000	1982
1983	280 AT 19:07 MST ON MAY 31	278 ON JUN 1	4.538 ON DEC 31	1 290 000	1983
1984	---	2008 ON MAY 2	2.708 ON MAR 7	1 220 000	1984
1985	---	5008 ON MAY 24	1.498 ON APR 10 *	1 870 000	1985
1986	---	5008 ON MAY 18	5.408 ON APR 24	2 040 000	1986
				1 340 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORTHWEST TERRITORIES

JUNGLE RIDGE CREEK NEAR THE MOUTH - STATION NO. 10KA005

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR APR TO NOV IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	0	0	0	0.007	2.29	0.898	0.185	1.71	0.392	0.196	0.019	0	0.719	1980
1981	---	---	---	---	---	0.343	0.358	0.138	0.148	0.287	0.059	0.005	---	1981
1982	0	0	0	0	4.57	1.98	0.305	0.907	0.539	0.420	0.082	0.001	1.11	1982
1983	0	0	0	0.177	1.79	2.38	0.581	0.427	0.451	0.266	0.076	0.001	0.785	1983
1984	0	0	0	0.031	1.69	0.600	0.570	1.04	1.08	0.260	0.028	0	0.665	1984
1985	0	0	0	0	4.48	1.07	0.535	0.146	0.160	0.192	0.006	0	0.832	1985
1986	0	0	0	0	3.37	1.07	0.158	0.074	0.140	0.088	0.006	0	0.618	1986
MEAN	0	0	0	0.036	3.03	1.19	0.382	0.635	0.416	0.244	0.039	0.001	0.785	MEAN

LOCATION - LAT 65 03 50 N DRAINAGE AREA, 41.3 km²
LONG 126 03 44 W NATURAL FLOW

JUNGLE RIDGE CREEK NEAR THE MOUTH - STATION NO. 10KA005

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO NOV FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1980	8.83 AT 16:30 MST ON AUG 16 *	8.36 ON MAY 12	0B ON APR 1 *	15 200	1980
1981	---	---	---	---	1981
1982	---	12.3 B ON MAY 19 *	0B ON APR 1	23 300	1982
1983	6.83 AT 21:57 MST ON MAY 28	6.69 ON MAY 28	0B ON APR 1	16 100	1983
1984	5.75 AT 06:35 MST ON JUL 30	5.33 ON JUL 30	0B ON APR 1	14 000	1984
1985	---	11.2 B ON MAY 15	0B ON APR 1	17 500	1985
1986	---	8.12B ON MAY 15	0B ON APR 1	13 000	1986
				16 500	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

KAKISA RIVER AT OUTLET OF KAKISA LAKE - STATION NO. 07UC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1962	---	---	---	---	---	---	172	101	76.4	65.4	---	---	---	1962
1963	---	---	---	---	---	---	---	---	---	100	85.0	60.3	---	1963
1964	39.5	23.1	12.8	11.7	73.9	147	85.8	37.8	46.1	70.1	75.5	50.4	54.5	1964
1965	32.5	23.9	19.7	17.1	66.9	113	72.0	62.5	51.7	50.2	41.0	31.2	47.8	1965
1966	24.7	19.0	14.5	13.4	84.2	139	91.1	51.5	38.9	34.8	30.2	21.9	45.4	1966
1967	14.4	11.0	9.23	9.17	35.4	167	105	65.3	44.8	36.5	28.2	21.7	45.7	1967
1968	14.7	12.3	8.89	7.25	32.1	70.7	46.0	63.8	63.4	58.0	42.0	30.2	37.6	1968
1969	21.1	15.5	13.1	13.2	83.3	102	51.9	28.5	24.8	29.2	24.6	16.4	33.7	1969
1970	12.1	10.2	8.19	8.21	54.6	95.0	50.2	31.4	25.6	23.8	16.9	11.6	29.0	1970
1971	11.2	11.3	9.39	7.43	40.2	47.3	---	---	16.5	13.6	9.09	8.43	---	1971
1972	5.03	3.65	2.88	5.15	28.1	108	70.3	39.3	27.0	22.1	18.2	14.8	28.7	1972
1973	12.7	10.7	8.06	8.24	24.6	31.8	23.6	27.1	35.5	25.2	14.4	13.2	19.7	1973
1974	11.1	8.62	7.17	10.0	34.9	95.3	65.9	60.8	46.4	42.8	35.5	28.3	36.5	1974
1975	18.4	14.6	9.73	10.5	86.3	106	55.4	35.6	51.7	59.8	50.6	39.8	43.3	1975
1976	26.6	19.4	15.0	19.7	126	179	126	70.7	97.9	124	86.7	68.8	78.6	1976
1977	29.3	21.1	15.3	12.9	29.4	78.4	75.8	65.8	61.3	54.9	44.0	34.0	43.6	1977
1978	22.3	14.5	10.8	8.49	23.6	41.7	28.8	30.0	34.0	31.6	22.9	16.7	23.8	1978
1979	15.1	12.4	11.0	9.80	16.1	152	120	80.0	45.1	42.5	28.7	14.5	44.0	1979
1980	8.22	6.82	5.38	5.32	7.11	4.36	2.28	2.73	4.14	4.44	1.92	0.547	4.42	1980
1981	0.888	1.82	2.48	5.11	32.1	45.6	---	---	---	9.08	7.12	5.85	---	1981
1982	5.23	6.15	6.60	6.38	38.6	172	111	50.9	38.0	28.9	20.3	21.1	42.1	1982
1983	17.4	14.4	12.3	9.62	49.7	123	62.9	37.9	29.6	29.1	28.0	22.5	38.4	1983
1984	15.4	14.2	11.8	11.3	30.8	19.2	18.9	39.3	52.6	71.6	73.6	53.9	34.4	1984
1985	39.0	27.2	17.4	11.7	69.7	153	78.3	53.2	80.1	95.5	79.0	55.1	63.4	1985
1986	32.8	22.6	17.1	12.6	69.8	165	135	84.9	83.0	51.6	39.9	24.5	60.1	1986
MEAN	18.7	14.1	10.8	10.2	46.5	102	74.1	49.6	45.8	47.0	37.6	26.9	40.6	MEAN

LOCATION - LAT 60 56 25 N DRAINAGE AREA, 15 800 km²
LONG 117 25 18 W NATURAL FLOW

KAKISA RIVER AT OUTLET OF KAKISA LAKE - STATION NO 07UC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1962	---	208 ON JUN 28 *	---	---	1962
1963	---	---	---	---	1963
1964	---	168 ON JUN 12	9.51 B ON APR 16	1 720 000	1964
1965	---	128 ON JUN 18	15.9 ON APR 13	1 500 000	1965
1966	---	161 ON JUN 21	12.0 ON APR 9	1 430 000	1966
1967	202 AT 22 10 MST ON JUN 19	187 ON JUN 17	8.21 ON MAY 1	1 440 000	1967
1968	98.4 AT 18 00 MST ON SEP 28	81.8 ON JUN 13	6.57 ON APR 25	1 190 000	1968
1969	138 AT 23 00 MST ON JUN 8	117 ON JUN 7	10.5 ON APR 7	1 060 000	1969
1970	131 AT 07 00 MST ON JUN 5	110 ON JUN 5	6.57 B ON APR 6	916 000	1970
1971	---	71.8 ON JUN 3	6.12 B ON APR 16	---	1971
1972	---	121 ON JUN 16	2.27 B ON MAR 15	906 000	1972
1973	57.5 AT 10 00 ON SEP 9	45.3 ON SEP 9	7.25 B ON APR 18	622 000	1973
1974	128 AT 21 00 MST ON JUN 24	106 ON JUN 19	5.80 B ON MAR 8	1 150 000	1974
1975	137 AT 20 00 MST ON JUN 11	126 ON JUN 11	7.70 B ON MAR 30	1 370 000	1975
1976	218 AT 19 15 MST ON JUN 24 *	193 ON JUN 18	12.2 B ON APR 15	2 490 000	1976
1977	---	94.6 ON JUN 25	12.0 ON APR 12	1 380 000	1977
1978	82.3 AT 16 00 MST ON JUN 15	47.9 ON JUN 5	7.62 ON APR 27	751 000	1978
1979	197 AT 10 57 MST ON JUN 24	196 ON JUN 24	8.91 B ON APR 19	1 380 000	1979
1980	---	9.44 ON JAN 1	0.2088 ON DEC 17 *	140 000	1980
1981	82.3 AT 09 09 MST ON JUN 4	57.7 ON JUN 4	0.5708 ON JAN 1	---	1981
1982	200 AT 11 23 MST ON JUN 23	193 ON JUN 28	4.92 B ON JAN 15	1 330 000	1982
1983	140 AT 14 14 MST ON JUN 16	137 ON JUN 16	7.85 ON APR 21	1 150 000	1983
1984	87.5 AT 09 15 MST ON OCT 5	79.8 ON OCT 5	7.59 ON JUN 26	1 090 000	1984
1985	185 AT 19 18 MST ON JUN 13	174 ON JUN 12	10.6 B ON APR 20	2 000 000	1985
1986	197 AT 17 00 MST ON JUN 23	174 ON JUN 10	11.1 B ON APR 18	1 890 000	1986
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 280 000	MEAN

KAZAN RIVER ABOVE KAZAN FALLS - STATION NO 08LC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	748	492	350	215	89.7	---	1965
1966	76.4	71.3	65.2	59.6	59.8	1 310	1 400	981	802	426	285	131	458	1966
1967	124	120	113	105	104	848	956	774	536	423	316	219	389	1967
1968	154	119	107	96.9	94.3	1 050	1 800	1 120	972	---	---	---	---	1968
1969	---	---	---	216	299	451	1 140	1 010	704	458	280	113	---	1969
1970	45.5	36.3	41.3	57.0	70.4	863	849	766	856	873	484	386	427	1970
1972	30.5	28.0	27.2	42.8	176	631	1 120	678	598	490	378	284	375	1972
1973	219	184	117	134	382	1 170	908	628	488	350	171	87.8	404	1973
1974	70.8	50.6	38.3	52.6	350	840	646	569	503	336	239	180	323	1974
1975	90.3	42.7	46.8	63.1	393	1 730	1 280	796	501	267	166	113	459	1975
1976	62.6	48.2	31.5	58.7	175	1 240	1 280	784	489	261	109	34.5	381	1976
1977	49.9	45.3	71.1	85.8	151	925	880	680	514	428	328	263	370	1977
1978	223	175	165	165	182	1 020	1 580	1 100	732	389	264	213	518	1978
1979	148	84.8	57.2	75.3	211	1 010	1 350	813	568	320	214	138	427	1979
1980	98.7	87.2	77.1	88.3	245	861	567	445	535	342	240	209	323	1980
1981	194	185	179	176	183	818	1 280	988	634	418	241	142	455	1981
1982	79.0	49.3	46.8	46.1	46.3	825	1 040	772	582	466	291	201	356	1982
1983	143	111	87.2	110	137	846	1 190	847	732	551	328	209	436	1983
1984	147	114	102	128	180	979	1 530	1 040	789	476	315	226	506	1984
1985	164	123	101	106	173	740	1 210	1 130	876	587	367	266	489	1985
1986	204	166	186	191	198	1 060	1 460	957	839	432	307	226	504	1986
MEAN	122	95.9	87.9	102	191	947	1 170	848	636	423	276	185	422	MEAN

LOCATION - LAT 63 38 10 N DRAINAGE AREA, 70 000 km^2
LONG 95 51 19 W NATURAL FLOW

REMARKS - THE MAXIMUM DISCHARGE MEASURED WAS 2920 m^3/s ON JUL 19 1962

NORTHWEST TERRITORIES

KAZAN RIVER ABOVE KAZAN FALLS - STATION NO. 06LC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	---	1 810E ON JUN 15	56.6B ON MAY 1	14 400 000	1966
1967	---	1 470 ON JUN 22	94.0B ON APR 18	12 300 000	1967
1968	---	2 090E ON JUL 4 *	90.6B ON MAY 24	---	1968
1969	---	---	---	---	1969
1970	1 360 AT 07:00 CST ON JUN 11	1 290 ON JUN 11	34.3B ON FEB 26	13 500 000	1970
1972	---	1 390E ON JUL 5	25.8B ON APR 8	11 900 000	1972
1973	---	1 890 ON JUN 5	71.1B ON DEC 31	12 700 000	1973
1974	---	1 090E ON JUN 4	33.1A ON MAR 11	10 200 000	1974
1975	2 080 AT 09:49 CST ON JUN 3 *	1 830 ON JUN 3	31.1B ON FEB 15	14 500 000	1975
1976	---	1 490 ON JUN 21	16.3B ON MAR 10 *	12 100 000	1976
1977	---	1 250B ON JUN 19	38.2B ON JAN 1	11 700 000	1977
1978	---	1 840B ON JUN 28	158 B ON MAR 17	16 300 000	1978
1979	---	1 530E ON JUL 3	52.7B ON MAR 24	13 500 000	1979
1980	1 600 AT 12:00 CST ON JUN 12	1 600 ON JUN 12	65.3B ON APR 25	10 200 000	1980
1981	---	1 350 ON JUL 15	107 B ON DEC 31	14 400 000	1981
1982	1 180 AT 12:35 CST ON JUN 28	1 170 ON JUN 28	46.0B ON APR 18	11 200 000	1982
1983	---	1 260 ON JUL 2	92.0B ON MAR 19	13 800 000	1983
1984	---	1 720A ON JUN 28	100 B ON MAR 18	16 000 000	1984
1985	1 320 AT 15:50 CST ON JUL 30	1 320 ON JUL 29	97.0B ON MAR 25	15 400 000	1985
1986	1 790 AT 11:20 CST ON JUN 25	1 780 ON JUN 25	160 B ON FEB 16	15 900 000	1986
				13 300 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - MANUAL GAUGE (SEE REFERENCE INDEX)

KAZAN RIVER AT OUTLET OF ENNADAI LAKE - STATION NO. 06LA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	---	---	---	---	---	---	159	156	---	---	---	---	---	1963
1965	---	---	---	---	---	---	---	142	115	101	90.8	---	---	1965
1966	---	---	---	---	77.6	233	228	159	129	118	107	90.0	---	1966
1967	77.3	66.5	57.9	63.9	70.9	147	200	173	154	153	134	121	119	1967
1968	117	115	115	113	102	296	355	300	282	376	297	211	224	1968
1969	177	162	146	131	117	169	199	167	133	104	85.8	75.1	139	1969
1970	71.6	67.5	60.0	55.7	55.1	112	121	120	113	106	94.8	84.4	88.6	1970
1971	78.4	76.9	70.4	64.7	88.1	120	114	88.0	86.3	89.7	56.3	52.9	78.1	1971
1972	49.3	45.2	46.4	59.1	69.3	150	149	167	199	198	162	131	119	1972
1973	107	91.0	86.9	96.0	134	208	174	134	102	86.5	89.6	61.8	113	1973
1974	62.3	55.4	49.8	47.6	58.2	92.8	81.6	102	100	89.7	82.8	76.3	75.9	1974
1975	67.9	61.7	54.8	68.2	96.1	158	161	127	95.9	86.1	87.1	81.0	96.5	1975
1976	76.5	70.9	65.5	60.4	141	329	216	148	122	99.7	91.6	84.2	125	1976
1977	80.9	79.1	74.7	72.4	111	247	205	183	213	217	186	157	153	1977
1978	128	110	97.5	91.0	106	201	241	206	184	133	115	99.4	141	1978
1979	83.9	74.2	70.3	82.0	113	192	189	142	116	101	88.3	77.6	111	1979
1980	70.6	65.7	60.7	58.3	83.5	98.0	97.9	105	145	141	119	101	95.5	1980
1981	87.0	77.1	70.1	67.3	93.6	220	222	177	127	104	87.9	77.1	118	1981
1982	68.6	61.7	55.7	49.9	72.1	256	251	192	152	137	122	103	127	1982
1983	85.0	71.2	58.9	72.8	82.4	184	254	215	189	168	171	136	143	1983
1984	112	88.9	74.1	70.7	124	262	253	211	208	195	166	134	160	1984
1985	113	106	89.7	95.0	129	223	208	193	201	207	188	164	161	1985
1986	144	137	123	110	---	---	---	---	---	---	---	---	---	1986
MEAN	92.9	84.2	77.4	76.5	95.2	196	195	164	149	143	124	106	126	MEAN

LOCATION - LAT 61 15 13 N LONG 100 55 26 W
DRAINAGE AREA, 21 400 km^2
NATURAL FLOW

REMARKS - STAGE-DISCHARGE RELATIONSHIP REFERRED TO STAGE AT STATION NO. 06LA002 SINCE 1978

KAZAN RIVER AT OUTLET OF ENNADAI LAKE - STATION NO. 06LA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1963	---	---	---	---	1963
1965	---	---	---	---	1965
1966	261 AT 18:00 CST ON JUN 30	261 ON JUN 30	---	---	1966
1967	218 AT 09:00 CST ON JUL 25	207 ON JUL 3	56.48 ON MAR 6	3 740 000	1967
1968	---	399E ON OCT 11 *	93.28 ON MAY 23	7 070 000	1968
1969	213 AT 08:00 CST ON JUN 29	212 ON JUN 29	71.68 ON DEC 29	4 370 000	1969
1970	163 AT 10:00 CST ON AUG 10	140 ON AUG 10	51.5 ON MAY 16	2 790 000	1970
1971	---	127 ON JUN 23	51.38 ON DEC 30	2 460 000	1971
1972	---	225 ON OCT 3	43.38 ON MAR 8 *	3 760 000	1972
1973	---	219 ON JUN 14	58.98 ON DEC 27	3 550 000	1973
1974	---	108 ON AUG 14	46.48 ON APR 26	2 390 000	1974
1975	---	189 ON JUL 14	60.08 ON FEB 16	3 040 000	1975
1976	---	365E ON JUN 5	58.68 ON MAY 7	3 970 000	1976
1977	---	270E ON JUN 15	71.18 ON APR 21	4 810 000	1977
1978	292 AT 04:43 CST ON JUL 19	262 ON JUL 19	88.1 ON MAY 3	4 450 000	1978
1979	---	223E ON JUN 18	69.98 ON MAR 24	3 500 000	1979
1980	---	156 ON SEP 19	55.8E ON APR 14	3 020 000	1980
1981	242 AT 21:00 CST ON JUL 4	236 ON JUL 4	65.7 ON MAY 14	3 720 000	1981
1982	280 AT 08:00 CST ON JUN 24	279 ON JUN 23	45.58 ON MAY 15	4 010 000	1982
1983	275 AT 14:15 CST ON JUL 1	273 ON JUL 1	52.48 ON APR 6	4 520 000	1983
1984	298 AT 03:30 CST ON JUN 15 *	296 ON JUN 15	69.08 ON MAR 28	5 060 000	1984
1985	237 AT 11:03 MST ON JUN 18	236 ON JUN 18	84.08 ON APR 19	5 070 000	1985
1986	---	---	---	---	1986
				3 960 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

KENDALL RIVER NEAR OUTLET OF DISMAL LAKES - STATION NO. 10PC001

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	---	---	---	---	---	11.5	3.83	1.08	---	1969
1970	0.012	0	---	---	---	---	---	17.8	47.5	18.0	6.03	1.13	---	1970
1971	---	---	---	---	---	---	33.0	16.0	19.1	11.1	1.35	0	---	1971
1972	---	---	---	---	---	---	---	10.5	3.12	0.427	0.029	---	---	1972
1973	0	0	0	0	---	---	18.5	46.8	25.2	11.4	1.97	0	---	1973
1974	0	0	0	0	---	---	31.9	11.9	5.42	0.273	0	0	---	1974
1975	0	0	0	0	---	---	30.2	7.84	4.30	0.901	0	0	---	1975
1976	0	0	0	0	0	---	28.2	16.4	8.69	4.85	0.128	0	---	1976
1977	0	0	0	0	---	---	---	---	---	15.3	3.80	0	---	1977
1978	0	0	0	0	0	79.5	65.6	13.1	3.68	0.786	0.010	0	27.0	1978
1979	0	0	0	0	7.12	86.4	28.3	8.62	4.81	1.32	0.113	0	19.2	1979
1980	0	0	0	0	3.11	105	31.6	12.5	8.85	3.27	0.729	0	27.3	1980
1981	---	---	---	---	---	---	---	14.5	16.5	11.0	1.78	0.020	---	1981
1982	0	0	0	0	0.652	137	51.2	18.8	10.2	2.94	0.248	0	38.4	1982
1983	0	0	0	0	0.012	107	42.4	19.2	46.2	19.5	1.85	0.004	36.7	1983
1984	0	0	0	0	23.8	115	24.3	22.6	17.3	4.92	0.256	0	34.4	1984
1985	---	---	---	---	4.80	79.6	28.3	19.5	16.4	4.83	---	---	25.3	1985
1986	0	0	0	0	0	103	69.7	13.8	5.52	0.828	0.009	0	31.5	1986
MEAN	0.001	0	0	0	4.38	99.2	37.0	18.9	15.2	7.08	1.29	0.138	30.0	MEAN

LOCATION - LAT 67 12 51 N
LONG 116 34 33 W
DRAINAGE AREA, 2 780 km^2
NATURAL FLOW

KENDALL RIVER NEAR OUTLET OF DISMAL LAKES - STATION NO. 10PC001

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	---	---	---	1969
1970	---	---	9.43 ON OCT 31	---	1970
1971	---	---	---	---	1971
1972	---	---	---	---	1972
1973	---	---	---	---	1973
1974	---	---	---	---	1974
1975	---	---	0 B ON OCT 28 *	---	1975
1976	---	---	0 B ON MAY 1	---	1976
1977	---	---	0 B ON MAY 1	---	1977
1978	142 AT 15:10 MST ON JUN 25	141 ON JUN 26	0 B ON MAY 1	429 000	1978
1979	106 AT 17:00 MST ON JUN 15	102 ON JUN 15	0 B ON MAY 1	305 000	1979
1980	150 AT 19:30 MST ON JUN 15	147 ON JUN 15	0 B ON MAY 1	435 000	1980
1981	---	---	---	---	1981
1982	---	397 ON JUN 16 *	0 B ON MAY 1	579 000	1982
1983	---	268B ON JUN 17	0 B ON MAY 1	616 000	1983
1984	180 AT 10:52 MST ON JUN 10	179 ON JUN 10	0 B ON MAY 1	547 000	1984
1985	---	---	---	---	1985
1986	230 AT 12:58 MST ON JUN 25 *	139E ON JUN 5 228 ON JUN 25	0 B ON MAY 1 0 B ON MAY 1	402 000 502 000	1986
				477 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORTHWEST TERRITORIES

KIRCHOFFER RIVER NEAR CORAL HARBOUR - STATION NO. 09PA001

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO DEC IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	246	---	---	---	---	---	---	---	1983
1985	---	---	---	---	0	---	36.8	71.8	80.1	2.68	0	0	---	1985
MEAN	---	---	---	---	0	246	36.8	71.8	80.1	2.68	0	0	---	MEAN

LOCATION - LAT 64 07 43 N, LONG 83 26 16 W. DRAINAGE AREA, 3 180 km². NATURAL FLOW

KIRCHOFFER RIVER NEAR CORAL HARBOUR - STATION NO. 09PA001

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO DEC FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1983	---	---	0B ON JUN 1 *	---	1983
1985	---	---	0E ON MAY 1	---	1985
				---	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

KOGNAK RIVER BELOW MOUNTAIN LAKE - STATION NO. 08MD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	---	---	71.7	59.1	---	---	---	---	---	1977
1978	---	---	---	---	---	---	---	53.7	37.5	27.8	---	---	---	1978
1980	---	---	---	---	---	---	52.4	42.2	---	---	44.2	24.0	---	1980
1981	14.8	---	---	---	16.8	280	152	83.0	39.3	30.1	17.5	10.1	---	1981
1982	6.78	3.40	1.81	0.897	0.561	120	96.3	46.1	44.7	49.4	31.9	15.4	35.0	1982
1983	7.33	3.80	2.27	1.81	1.05	241	202	89.3	54.9	45.9	20.5	5.23	56.7	1983
1984	2.31	0.915	0.383	0.644	9.80	227	140	71.1	59.6	47.6	14.7	7.53	48.4	1984
1985	4.93	3.42	2.26	1.02	0.539	178	180	92.4	83.4	50.2	9.71	5.13	49.5	1985
1986	3.77	2.87	2.09	1.17	16.3	239	130	63.6	49.0	28.7	12.8	5.85	46.5	1986
MEAN	6.50	2.86	1.76	1.11	7.95	214	136	64.7	52.6	40.4	21.6	10.5	47.2	MEAN

LOCATION - LAT 61 15 17 N, LONG 98 26 00 W. DRAINAGE AREA, 8 900 km². NATURAL FLOW

KOGNAK RIVER BELOW MOUNTAIN LAKE - STATION NO. 08MD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1977	---	---	---	---	1977
1978	---	---	---	---	1978
1980	---	---	---	---	1980
1981	---	328E ON JUN 8	0.986 ON MAY 19	---	1981
1982	---	167 ON JUN 21	0.4008 ON MAY 25	1 100 000	1982
1983	535 AT 19:08 CST ON JUN 22 *	473 ON JUN 22 *	1.66 B ON MAY 18	1 790 000	1983
1984	288 AT 23:02 CST ON JUN 10	383 ON JUN 13	0.2658 ON MAR 17	1 530 000	1984
1985	356 AT 22:08 MST ON JUN 17	328 ON JUN 19	0.2508 ON MAY 15 *	1 560 000	1985
1986	270 AT 00:40 MST ON JUN 13	267 ON JUN 13	0.6208 ON MAY 8	1 470 000	1986
				1 490 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

KUNWAK RIVER BELOW PRINCESS MARY LAKE - STATION NO. 08LC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	5.84	4.90	3.96	2.32	41.3	181	173	142	122	98.3	43.2	18.9	70.0	1977
1978	19.1	21.3	21.0	19.2	23.1	108	284	236	150	83.9	33.0	16.9	87.2	1978
1979	11.4	11.5	12.0	13.7	17.8	112	178	154	112	78.7	52.6	34.7	86.2	1979
1980	22.7	15.1	10.0	8.63	14.5	88.0	143	123	126	93.9	67.1	50.1	63.5	1980
1981	37.6	28.5	21.5	16.2	12.3	80.0	170	158	112	83.9	37.2	16.5	61.4	1981
1982	7.08	0	0	0	0	98.5	184	166	120	57.3	19.4	16.4	58.3	1982
1983	13.8	11.4	9.93	8.4	7.15	82.2	168	156	132	86.8	72.0	44.5	86.4	1983
1984	31.1	24.5	23.9	28.7	28.3	130	221	174	124	73.2	52.0	37.4	78.6	1984
1985	27.5	21.5	17.8	17.5	28.4	118	185	214	172	118	74.0	50.1	87.4	1985
1986	33.5	23.7	21.9	21.5	49.2	164	232	180	113	58.2	37.6	28.5	80.8	1986
MEAN	21.0	16.3	15.2	13.4	22.3	116	195	171	126	81.1	47.8	31.8	71.9	MEAN

LOCATION - LAT 63 47 43 N, LONG 97 25 43 W. DRAINAGE AREA, 12 100 km². NATURAL FLOW

KUNWAK RIVER BELOW PRINCESS MARY LAKE - STATION NO. 06LC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1977	---	189 ON JUN 11	0.905B ON APR 4	2 210 000	1977
1978	---	303E ON JUL 6 *	9.63 B ON JAN 13	2 750 000	1978
1979	198 AT 13:36 CST ON JUL 24	192 ON JUL 26	10.9 B ON JAN 1	2 090 000	1979
1980	---	153 ON JUL 14	5.40 B ON APR 30	2 010 000	1980
1981	205 AT 06:07 CST ON JUL 19	200 ON JUL 19	11.0 B ON MAY 27	1 940 000	1981
1982	191 AT 01:09 CST ON JUL 29	189 ON JUL 24	0 B ON JAN 30 *	1 780 000	1982
1983	182 AT 22:15 CST ON AUG 4	174 ON JUL 20	6.70 B ON MAY 26	2 080 000	1983
1984	---	232A ON JUL 14	22.9 B ON MAR 5	2 520 000	1984
1985	242 AT 11:28 CST ON AUG 8	234 ON AUG 8	15.9 B ON MAR 31	2 780 000	1985
1986	252 AT 21:59 CST ON JUL 17 *	246 ON JUL 18	21.0 B ON APR 12	2 550 000	1986
				2 270 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LA MARTRE RIVER BELOW OUTLET OF LAC LA MARTRE - STATION NO. 07TA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	18.0	---	---	---	---	35.1	30.0	24.4	20.0	16.6	---	1975
1976	14.5	13.3	---	---	---	---	31.5	28.5	23.7	21.2	17.3	12.8	---	1976
1977	11.0	9.70	11.4	19.5	20.6	25.3	23.9	20.1	18.5	19.3	16.6	14.4	17.5	1977
1978	12.8	13.2	9.74	13.7	20.3	29.2	30.0	26.1	22.4	22.8	19.7	15.2	19.5	1978
1979	14.5	13.1	11.0	19.2	25.3	35.8	33.8	26.1	24.4	22.0	17.2	14.0	21.2	1979
1980	11.8	9.80	7.81	9.03	26.2	35.3	31.0	27.7	25.4	21.5	18.3	16.9	20.1	1980
1981	15.0	15.5	16.0	17.7	30.8	36.3	35.6	29.9	25.4	24.7	24.6	21.3	24.7	1981
1982	17.1	13.8	13.3	16.1	24.5	35.0	36.3	32.5	26.9	24.4	23.0	22.6	24.5	1982
1983	22.5	22.4	22.2	21.9	25.1	36.2	35.0	32.5	29.8	27.0	25.2	18.3	26.5	1983
1984	15.4	12.7	19.4	23.5	36.8	36.1	34.5	33.3	29.2	28.9	22.5	21.3	26.2	1984
1985	21.2	20.7	21.0	26.1	47.7	57.4	56.9	57.0	58.6	49.0	24.8	19.5	38.4	1985
1986	27.6	24.3	22.1	29.1	46.3	61.3	57.3	54.1	46.6	45.3	37.1	36.1	40.7	1986
MEAN	16.9	15.3	15.5	19.0	30.2	39.4	37.1	33.7	30.4	27.6	22.0	19.1	25.8	MEAN

LOCATION - LAT 63 06 35 N
LONG 118 58 19 W
DRAINAGE AREA, 13 900 km^2
NATURAL FLOW

LA MARTRE RIVER BELOW OUTLET OF LAC LA MARTRE - STATION NO. 07TA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1975	---	---	---	---	1975
1976	---	---	---	---	1976
1977	---	28.9 ON JUL 1	11.5 B ON DEC 31	---	1977
1978	34.0 AT 21:35 MST ON JUN 19	32.8 ON JUN 17	9.00B ON FEB 24	552 000	1978
1979	---	37.1E ON JUN 18	9.00B ON MAR 19	614 000	1979
1980	---	38.7E ON JUN 14	10.3 B ON MAR 27	669 000	1980
1981	42.6 AT 13:05 MST ON JUL 5	41.8 ON JUL 5	6.60B ON APR 10 *	635 000	1981
1982	45.4 AT 19:53 MST ON JUN 26	45.0 ON JUN 26	15.5 B ON FEB 2	778 000	1982
1983	61.1 AT 05:05 MST ON AUG 14	60.5 ON AUG 14	12.7 B ON FEB 27	774 000	1983
1984	46.9 AT 10:17 MST ON JUN 2	44.5 ON JUN 2	16.2 B ON DEC 31	836 000	1984
1985	88.9 AT 21:57 MST ON SEP 6 *	87.6 ON SEP 6 *	11.8 B ON FEB 20	828 000	1985
1986	84.9 AT 19:56 MST ON JUN 27	84.6 ON JUN 27	12.9 B ON NOV 28	1 210 000	1986
			21.6 B ON MAR 16	1 280 000	
				818 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LENED CREEK NEAR SOUTH NAHANNI RIVER - STATION NO. 10EB003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	---	0.717	0.591	0.449	0.240	0.226	---	1982
1983	0.184	0.082	0.080	0.088	0.518	---	1.05	1.02	0.586	0.320	0.244	0.201	---	1983
1984	0.136	0.086	0.095	0.082	0.413	2.59	2.11	1.86	1.02	0.408	0.149	0.113	0.752	1984
1985	0.091	0.051	0.042	0.067	0.215	3.39	3.54	1.67	0.890	0.371	0.175	0.118	0.799	1985
1986	0.082	0.053	0.055	0.074	0.356	3.19	2.92	1.45	0.818	0.447	0.278	0.146	0.719	1986
MEAN	0.124	0.071	0.055	0.072	0.350	3.39	2.41	1.32	0.801	0.389	0.218	0.161	0.757	MEAN

LOCATION - LAT 62 21 51 N
LONG 128 00 11 W
DRAINAGE AREA, 34.2 km^2
NATURAL FLOW

NORTHWEST TERRITORIES

LENED CREEK NEAR SOUTH NAHANNI RIVER - STATION NO. 10EB003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	---	---	---	---	1982
1983	---	---	0.0808 ON FEB 22	---	1983
1984	4.67 AT 22:30 MST ON JUN 12	4.12 ON JUN 13	0.0508 ON MAR 15	23 800	1984
1985	5.75 AT 20:18 MST ON JUN 4	5.23 ON JUL 3 *	0.0348 ON FEB 28 *	25 200	1985
1986	5.87 AT 19:26 MST ON JUN 21 *	5.13 ON JUL 2	0.0438 ON FEB 24	22 700	1986
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		23 900	MEAN

LIARD RIVER AT FORT LIARD - STATION NO. 10ED001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1943	---	---	---	---	---	---	---	---	---	1 450	---	---	---	1943
1944	---	---	---	---	2 070	4 670	3 220	2 650	1 580	1 550	---	---	---	1944
1945	---	---	---	---	3 630	5 080	3 320	1 700	1 130	1 170	---	---	---	1945
1946	---	---	---	---	2 670	3 550	3 010	1 920	1 290	988	---	---	---	1946
1947	---	---	---	---	4 500	5 890	3 530	2 610	1 810	1 520	---	---	---	1947
1948	---	---	---	---	---	4 490	2 900	2 090	2 110	1 380	---	---	---	1948
1949	---	---	---	---	3 300	5 890	6 000	4 280	2 170	1 730	---	---	---	1949
1950	---	---	---	---	3 450	3 520	2 380	1 880	1 230	845	---	---	---	1950
1951	---	---	---	---	5 440	4 280	3 310	1 560	990	808	---	---	---	1951
1952	---	---	---	---	2 200	4 060	4 380	2 130	2 140	2 040	---	---	---	1952
1953	---	---	---	---	3 480	4 330	3 700	2 240	1 840	1 270	---	---	---	1953
1954	---	---	---	---	---	6 320	3 730	2 400	1 350	1 080	---	---	---	1954
1955	---	---	---	---	2 210	4 010	6 250	3 050	1 430	885	---	---	---	1955
1956	---	---	---	---	2 030	5 190	---	---	1 620	901	---	---	---	1956
1957	---	---	---	---	3 410	5 900	5 610	3 080	1 380	993	---	---	---	1957
1958	---	---	---	---	2 270	3 210	2 140	1 370	1 200	1 230	---	---	---	1958
1959	---	---	---	---	---	5 510	3 220	2 740	2 370	1 420	571	485	---	1959
1960	430	327	296	300	3 340	6 240	5 290	2 670	2 480	1 600	1 180	673	2 070	1960
1961	436	364	325	338	5 540	7 710	3 490	1 650	1 500	1 440	596	481	2 000	1961
1962	386	340	289	292	---	---	---	---	---	---	---	---	---	1962
1965	---	---	---	---	---	---	---	---	1 930	1 650	598	322	---	1965
1966	265	231	213	277	2 570	4 640	4 880	2 600	1 600	1 440	572	363	1 650	1966
1967	370	347	256	333	3 590	6 430	3 770	2 240	1 560	1 490	847	508	1 820	1967
1968	386	330	297	359	3 220	5 390	5 480	3 180	2 990	1 850	881	504	2 060	1968
1969	354	246	228	410	3 200	4 430	2 520	2 330	2 520	1 600	839	557	1 610	1969
1970	435	308	321	527	3 590	5 710	3 180	2 380	2 070	1 880	931	538	1 830	1970
1971	387	336	310	351	2 130	7 450	4 220	1 620	1 600	1 070	434	294	1 690	1971
1972	228	182	183	282	3 230	7 140	3 610	3 080	1 730	1 620	556	426	1 870	1972
1973	288	295	313	707	3 720	7 050	4 740	2 450	2 430	1 280	527	419	2 020	1973
1974	321	278	272	721	4 360	5 210	6 280	4 130	2 140	2 010	862	544	2 260	1974
1975	493	415	347	529	2 520	5 630	5 460	3 430	1 740	1 260	461	420	1 900	1975
1976	391	356	313	405	3 750	7 860	7 500	5 470	3 070	1 670	889	394	2 880	1976
1977	447	496	420	504	4 250	9 060	6 330	3 200	2 030	1 500	441	281	2 340	1977
1978	286	300	336	402	2 780	3 880	2 590	2 420	2 480	1 760	858	465	1 550	1978
1979	379	316	292	357	3 000	6 630	6 400	2 540	2 300	1 490	440	298	2 050	1979
1980	326	308	282	454	2 270	4 400	4 270	2 580	2 280	2 510	910	458	1 760	1980
1981	---	---	---	344	5 190	5 530	3 030	1 680	1 960	1 410	770	---	---	1981
1982	---	---	---	312	4 790	5 670	2 780	1 890	1 690	1 220	513	480	---	1982
1983	344	258	216	629	2 950	4 900	2 820	2 140	1 720	1 240	445	308	1 500	1983
1984	205	189	198	486	2 450	6 000	4 370	2 790	2 590	1 430	587	440	1 810	1984
1985	358	258	258	342	3 050	4 960	4 490	2 650	3 410	1 970	483	477	1 900	1985
1986	385	339	285	385	3 340	5 070	6 000	2 520	1 750	2 790	873	787	2 080	1986
MEAN	362	310	283	416	3 320	5 460	4 190	2 560	1 930	1 470	665	454	1 930	MEAN

LOCATION - LAT 60 14 35 N DRAINAGE AREA, 222 000 km^2
LONG 123 28 45 W NATURAL FLOW

REMARKS - RECORDS ARE BEING REVIEWED

LIARD RIVER AT FORT LIARD - STATION NO. 10ED001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1943	---	---	---	---	1943
1944	---	6 230 ON JUN 13	---	---	1944
1945	---	6 770 ON JUN 12	---	---	1945
1946	---	5 570 ON MAY 31	---	---	1946
1947	---	7 920 ON JUN 1	---	---	1947
1948	---	9 710 ON MAY 27	---	---	1948
1949	---	8 610 ON JUL 19	---	---	1949
1950	---	5 610 ON MAY 12	---	---	1950
1951	---	8 230 ON MAY 8	---	---	1951
1952	---	7 230 ON JUL 3	---	---	1952
1953	---	6 050 ON JUL 27	---	---	1953
1954	---	7 370 ON MAY 21	---	---	1954
1955	---	9 310 ON JUL 4	---	---	1955
1956	---	---	---	---	1956
1957	---	9 120 ON MAY 26	---	---	1957
1958	---	4 310 ON JUN 11	---	---	1958
1959	---	6 800 ON JUN 18	---	---	1959
1960	---	8 670 ON JUN 26	2598 ON APR 15	65 600 000	1960
1961	---	12 000 ON MAY 28	3118 ON APR 1	63 000 000	1961
1962	---	---	---	---	1962
1965	---	---	---	---	1965
1966	6 480 AT 10 00 MST ON JUL 13	6 400 ON JUL 13	2108 ON MAR 15	52 000 000	1966
1967	7 350 AT 21 00 MST ON JUN 9	7 330 ON JUN 9	2498 ON MAR 9	57 400 000	1967
1968	9 230 AT 03 00 MST ON JUL 16	9 090 ON JUL 16	2888 ON APR 8	65 300 000	1968
1969	---	6 230 ON MAY 28	2088 ON MAR 31	50 800 000	1969
1970	7 560 AT 07 45 MST ON JUN 13	7 540 ON JUN 13	2978 ON FEB 5	57 700 000	1970
1971	10 400 AT 09 00 MST ON JUN 19	10 400 ON JUN 19	2588 ON DEC 31	53 200 000	1971
1972	10 100 AT 17 00 MST ON JUN 3	10 000 ON JUN 3	1728 ON FEB 19 *	59 200 000	1972
1973	11 500 AT 13 00 MST ON JUN 19	11 300 ON JUN 19	2788 ON JAN 24	63 900 000	1973
1974	12 500 AT 22 30 MST ON JUL 19	12 500 ON JUL 19	2638 ON NOV 23	71 300 000	1974
1975	---	12 600 ON JUL 1	3288 ON APR 2	80 000 000	1975
1976	12 000 AT 19 40 MST ON JUN 12	11 800 ON JUN 12	3068 ON MAR 28	84 700 000	1976
1977	14 500 AT 23 00 MST ON JUN 4 *	14 200 ON JUN 5 *	2418 ON NOV 13	73 800 000	1977
1978	4 580 AT 11 40 MST ON JUN 8	4 550 ON JUN 8	2788 ON JAN 1	48 800 000	1978
1979	11 500 AT 17 40 MST ON JUL 5	11 500 ON JUL 5	2258 ON NOV 14	64 500 000	1979
1980	---	8 510 ON JUL 28	2508 ON MAR 21	55 500 000	1980
1981	9 530 AT 20 30 MST ON MAY 28	9 450 ON MAY 30	---	---	1981
1982	11 100 AT 18 07 MST ON MAY 20	11 000 ON MAY 20	---	---	1982
1983	6 980 AT 15 43 MST ON JUN 4	6 870 ON JUN 4	2108 ON MAR 22	47 400 000	1983
1984	9 010 AT 14 22 MST ON JUN 10	8 890 ON JUN 10	1828 ON JAN 19	57 200 000	1984
1985	7 540 AT 10 22 MST ON JUN 8	7 510 ON JUN 8	2318 ON MAR 4	60 000 000	1985
1986	9 560 AT 00 00 MST ON JUL 5	9 560 ON JUL 5	2798 ON MAR 6	66 000 000	1986
				60 800 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

LIARD RIVER NEAR THE MOUTH - STATION NO. 10ED002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	9 440	5 580	4 140	2 140	1 820	888	640	---	1972
1973	460	394	387	606	4 840	9 350	5 490	2 900	2 530	1 520	851	492	2 510	1973
1974	375	322	321	448	5 520	6 880	7 230	5 570	2 770	2 270	791	556	2 770	1974
1975	584	486	411	596	3 230	7 030	7 340	4 490	2 380	1 610	634	598	2 480	1975
1976	504	444	418	587	4 660	7 720	9 130	5 910	3 700	1 880	1 010	607	3 070	1976
1977	600	601	598	748	4 510	11 000	6 640	4 280	2 530	1 790	593	371	2 870	1977
1978	417	376	397	382	2 880	5 030	3 520	2 920	2 530	1 710	517	359	1 770	1978
1979	337	361	379	423	3 380	8 480	7 990	3 620	2 840	1 750	490	380	2 540	1979
1980	385	385	316	446	2 550	5 180	5 070	3 260	2 710	2 920	1 020	590	2 080	1980
1981	559	446	424	416	5 830	7 040	3 710	2 050	2 380	1 580	904	671	2 180	1981
1982	541	422	401	394	5 220	6 720	3 350	2 350	1 780	1 080	496	597	1 950	1982
1983	484	353	281	498	3 780	5 980	3 300	2 760	1 780	1 060	541	405	1 770	1983
1984	300	317	340	599	2 880	7 180	5 850	3 710	3 300	1 700	619	564	2 280	1984
1985	458	368	338	401	4 580	6 570	6 170	3 520	3 800	2 350	909	555	2 490	1985
1986	499	428	314	381	3 990	6 990	7 870	3 830	2 280	3 230	878	879	2 830	1986
MEAN	482	406	380	502	4 130	7 370	5 890	3 670	2 570	1 890	689	549	2 380	MEAN

LOCATION - LAT 61 46 50 N LONG 121 13 25 W

DRAINAGE AREA, 277 000 km^2
NATURAL FLOW

REMARKS - RECORDS ARE BEING REVIEWED

NORTHWEST TERRITORIES

LIARD RIVER NEAR THE MOUTH - STATION NO. 10ED002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	13 800 AT 23:00 MST ON JUN 3	13 600 ON JUN 4	---	---	1972
1973	15 200 AT 01:00 MST ON JUN 21	15 000 ON JUN 20	3828 ON MAR 8	78 100 000	1973
1974	12 900 AT 17:00 MST ON JUL 21	12 900 ON JUL 21	3008 ON NOV 24	87 500 000	1974
1975	14 500 AT 14:00 MST ON JUL 2	14 500 ON JUL 2	3788 ON APR 4	77 600 000	1975
1976	---	11 100 ON JUL 6	3868 ON APR 9	87 000 000	1976
1977	16 200 AT 17:50 MST ON JUN 6 *	16 100 ON JUN 6 *	3688 ON NOV 15	90 500 000	1977
1978	6 120 AT 17:10 MST ON JUN 11	6 120 ON JUN 11	3288 ON NOV 10	55 700 000	1978
1979	13 300 AT 03:00 MST ON JUL 7	13 200 ON JUL 7	2608 ON NOV 17 *	80 300 000	1979
1980	7 130 AT 19:00 MST ON JUN 12	7 010 ON JUL 20	3108 ON MAR 21	65 600 000	1980
1981	11 500 AT 19:50 MST ON MAY 31	11 300 ON MAY 31	4108 ON APR 24	68 600 000	1981
1982	---	12 900A ON MAY 21	3848 ON NOV 17	61 800 000	1982
1983	8 400 AT 20:49 MST ON JUN 5	8 280 ON JUN 5	2618 ON APR 3	55 900 000	1983
1984	10 700 AT 12:18 MST ON JUN 12	10 600 ON JUN 12	2658 ON JAN 21	72 200 000	1984
1985	10 400 AT 14:01 MST ON JUN 9	10 300 ON JUN 9	3008 ON NOV 10	76 400 000	1985
1986	12 300 AT 12:45 MST ON JUL 6	12 300 ON JUL 6	3008 ON MAR 10	82 900 000	1986
				75 200 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LITTLE BUFFALO RIVER NEAR PINE POINT HIGHWAY - STATION NO 07PB002

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	1.30	0.422	0.282	0.702	1.04	---	---	---	1965
1966	---	---	---	---	---	13.9	5.77	3.47	0.830	0.586	---	---	---	1966
1967	---	---	---	---	14.2	11.5	8.18	10.4	4.67	5.11	---	---	8.86	1967
1968	---	---	---	---	22.8	16.7	15.9	16.5	14.9	7.03	---	---	15.6	1968
1969	---	---	---	---	12.0	4.22	0.471	0.288	0.353	0.584	---	---	3.01	1969
1970	---	---	---	---	7.93	4.86	0.405	0.171	0.278	0.524	---	---	2.37	1970
1971	---	---	---	---	4.86	1.26	0.058	0.084	0.103	0.146	---	---	1.08	1971
1972	---	---	---	---	4.99	2.31	0.656	0.085	0.134	0.141	---	---	1.38	1972
1973	0	0	0	0.719	2.70	2.01	4.32	5.86	5.90	4.58	1.73	0.685	5.36	1973
1974	---	---	---	---	14.3	6.58	5.59	2.01	1.64	1.63	---	---	5.27	1974
1975	---	---	---	1.52	4.72	4.31	3.10	4.21	14.0	11.7	5.19	2.00	6.86	1975
1976	---	---	---	---	13.3	6.06	4.60	6.95	4.28	3.02	---	---	6.38	1976
1977	---	---	---	---	3.63	3.40	2.79	3.27	3.33	3.87	---	---	3.38	1977
1978	---	---	---	---	4.16	0.999	0.818	0.261	1.16	2.58	1.75	---	1.67	1978
1979	---	---	---	---	15.0	8.03	1.85	0.645	0.348	0.578	---	---	4.43	1979
1980	---	---	---	---	1.31	0.347	0.121	0.077	0.121	0.306	---	---	0.382	1980
1981	---	---	---	---	3.32	0.313	---	---	---	---	---	---	---	1981
1982	---	---	---	0.586	1.38	0.249	0.100	0.030	0.151	0.196	0.118	---	0.346	1982
1983	---	---	---	2.04	3.58	1.68	0.749	0.481	0.413	0.563	0.301	---	1.23	1983
1984	---	---	0	1.72	0.729	6.16	3.82	0.756	1.50	3.52	2.24	1.06	2.74	1984
1985	0.628	0.629	0.681	3.70	27.3	8.79	1.63	0.709	0.757	---	0.985	0.513	---	1985
1986	---	---	---	1.83	---	---	7.45	5.78	4.84	4.22	---	---	---	1986
MEAN	0.314	0.315	0.227	1.75	8.54	5.01	3.15	3.15	3.01	2.64	1.76	1.06	4.15	MEAN

LOCATION - LAT 60 03 01 N
LONG 112 41 52 W
DRAINAGE AREA, 3 330 km^2
NATURAL FLOW

REMARKS - HIGHER MAXIMUM DISCHARGES ARE KNOW TO HAVE OCCURRED OUTSIDE THE STANDARD PERIOD.

LITTLE BUFFALO RIVER NEAR PINE POINT HIGHWAY - STATION NO. 07PB002

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	---	---	---	---	1966
1967	---	17.1 B ON MAY 11	2.61 B ON MAY 1	141 000	1967
1968	---	31.4 B ON MAY 8	5.24 B ON OCT 31	249 000	1968
1969	---	17.2 E ON MAY 1	0.178 ON AUG 8	47 800	1969
1970	---	12.7 ON MAY 1	0.076 ON JUL 21	37 700	1970
1971	---	6.65E ON MAY 1	0.005A ON JUL 12	17 200	1971
1972	---	6.65B ON MAY 4	0.042 ON SEP 10	22 100	1972
1973	---	11.4 ON AUG 5	1.51 ON JUN 29	85 300	1973
1974	---	18.9 E ON MAY 1	1.28 ON SEP 15	83 900	1974
1975	---	18.0 ON AUG 31	0.521 ON AUG 22	111 000	1975
1976	---	22.8 ON MAY 1	2.43 B ON OCT 31	101 000	1976
1977	---	6.00 ON MAY 2	1.51 ON JUL 17	53 800	1977
1978	---	9.97E ON MAY 5	0.147 ON AUG 27	26 800	1978
1979	---	30.8 ON MAY 15	0.0808 ON OCT 31	70 400	1979
1980	---	8.42 ON MAY 1	0.037 ON JUL 11	6 070	1980
1981	---	---	---	---	1981
1982	---	2.15 ON MAY 21	0 ON AUG 23 *	5 490	1982
1983	---	5.108 ON MAY 1	0.2218 ON OCT 14	19 800	1983
1984	8.08 AT 07:20 MST ON JUN 8 *	7.87 ON JUN 8	0.284 ON AUG 22	43 500	1984
1985	---	34.2 E ON MAY 14 *	0.308 ON AUG 3	---	1985
1986	---	---	---	---	1986
				66 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LOCKHART RIVER AT OUTLET OF ARTILLERY LAKE - STATION NO. 07RD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1944	---	---	---	---	---	---	---	190	186	---	---	---	---	1944
1945	---	---	---	---	---	---	---	122	125	123	120	116	---	1945
1946	109	99.3	87.6	81.2	81.8	90.3	99.5	101	99.0	96.1	93.0	88.4	93.9	1946
1947	81.6	73.2	67.4	64.3	64.3	79.0	99.8	121	125	113	122	120	94.2	1947
1948	110	98.7	85.2	75.5	79.9	99.5	124	142	157	164	164	158	122	1948
1949	145	124	107	96.7	95.0	107	149	166	159	---	---	---	---	1949
1963	---	---	---	---	81.2	107	139	178	208	238	227	210	---	1963
1964	184	157	134	120	117	152	184	205	199	175	154	136	160	1964
1965	120	102	89.3	81.5	75.2	95.8	140	164	162	---	---	---	---	1965
1966	---	---	---	---	85.0	115	129	149	161	152	---	---	---	1966
1967	110	---	85.7	79.1	71.9	94.2	119	---	158	153	141	131	---	1967
1968	118	103	83.2	81.0	84.9	104	138	159	177	189	184	175	135	1968
1969	152	129	114	102	95.7	101	119	145	161	159	153	144	131	1969
1970	134	123	108	93.7	87.9	112	123	140	154	160	156	147	129	1970
1971	133	118	107	99.5	107	128	152	164	168	166	158	146	137	1971
1972	135	126	108	88.2	83.9	107	127	146	144	130	119	108	119	1972
1973	96.3	86.6	78.0	73.6	78.8	103	114	117	122	123	119	114	102	1973
1974	103	88.9	77.5	69.7	66.3	78.6	99.0	118	122	117	117	114	97.8	1974
1975	110	102	92.4	83.7	97.8	125	147	162	160	146	130	121	123	1975
1976	109	95.9	81.1	74.5	84.6	98.4	110	115	112	104	98.1	92.7	98.0	1976
1977	83.5	75.8	69.1	63.1	70.0	107	142	159	156	144	132	121	110	1977
1978	108	94.5	83.4	74.4	69.0	93.5	119	131	130	122	117	107	104	1978
1979	97.8	87.7	78.7	72.1	70.2	110	130	143	142	128	119	111	108	1979
1980	99.9	87.6	74.4	68.9	72.2	75.9	76.1	76.1	73.1	67.4	60.7	57.0	74.1	1980
1981	55.3	51.2	48.1	45.0	48.2	71.6	91.3	106	107	89.3	90.6	86.4	75.2	1981
1982	77.6	70.0	63.0	56.6	---	---	86.8	94.4	100	88.1	88.3	83.4	---	1982
1983	76.2	69.9	63.5	57.2	53.2	65.3	89.6	118	146	166	167	156	102	1983
1984	140	126	112	99.3	97.8	122	143	160	157	152	142	134	132	1984
1985	123	110	96.5	88.2	87.8	137	163	191	189	175	161	149	140	1985
1986	134	118	106	96.3	94.8	143	187	210	201	178	156	142	147	1986
MEAN	113	101	88.9	80.6	82.3	105	126	145	149	142	134	126	115	MEAN

LOCATION - LAT 62 53 48 N DRAINAGE AREA, 26 600 km²
LONG 108 28 17 W NATURAL FLOW

LOCKHART RIVER AT OUTLET OF ARTILLERY LAKE - STATION NO. 07RD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1944	---	---	---	---	1944
1945	---	125E ON AUG 16	---	---	1945
1946	---	112E ON JAN 1	80.7E ON APR 11	2 960 000	1946
1947	---	127E ON SEP 2	62.0E ON MAY 1	2 970 000	1947
1948	---	165E ON OCT 11	74.8E ON APR 11	3 850 000	1948
1949	---	167E ON AUG 11	94.0E ON MAY 1	---	1949
1963	---	246 ON OCT 18 *	77.9 ON MAY 11	---	1963
1964	---	214 ON SEP 5	112 ON MAY 13	5 050 000	1964
1965	---	169 ON AUG 21	73.1 ON MAY 21	---	1965
1966	---	186 ON SEP 16	76.7 ON MAY 11	---	1966
1967	---	162 ON SEP 19	68.5 ON MAY 24	---	1967
1968	---	191 ON OCT 15	82.4 ON MAY 31	4 280 000	1968
1969	---	168 ON NOV 6	92.3 ON MAY 28	4 140 000	1969
1970	---	188 ON OCT 1	90.0E ON APR 29	4 070 000	1970
1971	---	177 ON SEP 14	94.9 ON APR 27	4 340 000	1971
1972	155 ON SEP 4	156 ON SEP 4	81.3 ON MAY 20	3 750 000	1972
1973	140 AT 08 00 ON AUG 18	132 ON SEP 4	69.4 ON MAY 3	3 230 000	1973
1974	---	128 ON AUG 25	65.1E ON MAY 4	3 080 000	1974
1975	180 AT 21 00 MST ON AUG 30	173 ON AUG 30	80.1 ON APR 26	3 880 000	1975
1976	---	121 ON AUG 20	72.5E ON APR 5	3 100 000	1976
1977	---	165E ON AUG 25	59.7 ON MAY 6	3 480 000	1977
1978	139 AT 11 20 MST ON OCT 4	136 ON AUG 30	87.1 ON MAY 12	3 290 000	1978
1979	151 AT 08 48 MST ON AUG 18	149 ON AUG 18	85.8 ON MAY 18	3 380 000	1979
1980	---	106 ON JAN 1	58.5E ON DEC 11	2 350 000	1980
1981	---	116 ON AUG 28	43.0 ON APR 30 *	2 370 000	1981
1982	125 AT 18 15 MST ON SEP 11	119 ON SEP 11	---	---	1982
1983	178 AT 21 26 MST ON OCT 15	178 ON OCT 15	52.2E ON MAY 25	3 230 000	1983
1984	182 AT 08 41 MST ON AUG 29	180 ON AUG 29	91.7 ON MAY 12	4 180 000	1984
1985	203 AT 20 39 MST ON SEP 17	200 ON AUG 25	83.9 ON MAY 9	4 430 000	1985
1986	226 AT 13 39 MST ON AUG 15 *	222 ON AUG 15	89.6 ON MAY 11	4 640 000	1986
				3 840 000	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LORILLARD RIVER ABOVE DALY BAY - STATION NO. 08DA001

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	0.310	0.182	0.053	0	0.073	18.7	389	85.2	44.6	20.1	6.58	0.703	80.7	1978
1979	0	0	0	0	0	168	120	48.4	---	---	---	---	---	1979
1980	0	0	0	0	0	99.2	---	---	355	55.4	13.5	0.284	---	1980
1981	---	---	0	0	0	240	237	60.9	80.9	58.4	---	---	98.5	1981
1982	---	---	0	0	0	772	599	62.0	23.7	12.4	0.663	0	209	1982
1983	0	0	0	0	0	665	380	243	189	36.9	0.783	0	215	1983
1984	0	0	0	0	0	451	233	102	131	32.9	9.98	0.235	135	1984
MEAN	0.062	0.036	0.008	0	0.010	345	326	100	137	36.0	8.30	0.238	147	MEAN

LOCATION - LAT 64 17 35 N LONG 90 26 45 W DRAINAGE AREA, 11 000 km² NATURAL FLOW

LORILLARD RIVER ABOVE DALY BAY - STATION NO. 08DA001

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1978	---	682E ON JUL 9	0B ON APR 1 *	1 490 000	1978
1979	---	---	0B ON APR 1	---	1979
1980	962 AT 10:46 CST ON JUL 1	948 ON JUL 1	0B ON APR 1	---	1980
1981	958 AT 15:00 CST ON JUN 25	948 ON JUN 25	0B ON APR 1	1 790 000	1981
1982	---	3 700E ON JUN 26 *	0B ON APR 1	3 860 000	1982
1983	---	3 300B ON JUN 25	0B ON APR 1	3 880 000	1983
1984	1 250 AT 20:07 CST ON JUN 23 *	1 220A ON JUN 23	0B ON APR 1	2 500 000	1984
				2 720 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

MAC CREEK NEAR THE MOUTH - STATION NO. 10EB002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	0.165	0.150	0.150	0.166	2.52	11.6	11.2	3.75	1.94	2.58	0.933R	0.478R	2.98R	1978
1979	0.165	0.091	0.084	0.191R	2.69R	20.5	10.6	3.30	1.85	2.13	0.703	0.331	3.54R	1979
1980	0.254	0.231	0.207	0.182R	4.75	11.6	6.07	4.79	4.88	3.00	1.08	0.590	3.14R	1980
1981	0.271	0.180	0.151	0.145	10.2	10.4	6.97	2.77	3.88	2.18	1.32	0.371R	3.25R	1981
1982	0.161R	0.111R	0.100R	0.101R	1.75R	13.5	4.32	2.61	2.30	1.84 R	0.720R	0.458R	2.34R	1982
1983	0.295R	0.213R	0.182	0.203	8.83	19.4	5.03	4.55	2.81	0.891R	0.389R	0.215R	3.42R	1983
1984	0.114	0.114	0.160	0.148	3.98	15.1	7.26	6.49	2.60	0.810	0.368	0.232	3.12	1984
1985	0.184	0.109	0.082	0.028	2.02	10.1R	11.3 R	4.46	3.15	1.12	0.413	0.295	2.78R	1985
1986	0.208	0.125	0.068	0.038	2.17	15.8	16.4	4.46	2.22	1.18	0.586	0.228	3.64	1986
MEAN	0.200R	0.145R	0.129R	0.134R	4.10R	14.2R	8.79R	4.13	2.83	1.76 R	0.725R	0.355R	3.13	MEAN

LOCATION - LAT 62 12 43 N LONG 128 45 53 W DRAINAGE AREA, 216 km² NATURAL FLOW R - REVISED SINCE JAN 1986

REMARKS - FLOWS ABOVE 25 m³/s WERE ESTIMATED AND SHOULD BE USED WITH DISCRETION

MAC CREEK NEAR THE MOUTH - STATION NO. 10EB002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1978	44.5E AT 13:00 MST ON JUL 2	34.8E ON JUL 2	0.150B ON FEB 1	94 000	1978
1979	29.8E AT 01:00 MST ON JUN 24	25.8E ON JUN 24	0.080B ON FEB 20	112 000	1979
1980	47.0E AT 00:30 MST ON JUN 10	27.4E ON JUN 9	0.150RB ON APR 25	93 300R	1980
1981	37.9E AT 00:05 MST ON MAY 27	29.1E ON MAY 26	0.137B ON MAY 1	102 000	1981
1982	33.6E AT 02:45 MST ON JUN 20	25.1E ON JUN 14	0.100RB ON MAR 5	73 900R	1982
1983	64.1E AT 11:30 MST ON MAY 31 *	54.3E ON MAY 31 *	0.150B ON DEC 29	108 000	1983
1984	42.9E AT 00:41 MST ON JUN 10	31.1E ON JUN 10	0.091B ON JAN 29	98 700	1984
1985	---	27.0RE ON JUL 2	0.020B ON APR 18 *	87 700	1985
1986	56.3E AT 01:55 MST ON JUL 2	49.0E ON JUL 2	0.025B ON APR 22	115 000	1986
				99 000R	MEAN

B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 1 1986

MACKENZIE RIVER (AKLAVIK CHANNEL) ABOVE SCHOONER CHANNEL - STATION NO. 10MC005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	932	696	794	447	268	230	184	---	1974
1975	147	116	89.0	73.2	404	1 080	669	557	434	345	146	111	347	1975
1976	117	76.5	68.4	94.2	625	919	740	589	483	265	149	105	354	1976
MEAN	132	96.3	78.7	83.7	515	970	702	647	465	293	175	133	351	MEAN

LOCATION - LAT 68 15 10 N LONG 134 48 00 W REGULATED SINCE 1968

MACKENZIE RIVER (AKLAVIK CHANNEL) ABOVE SCHOONER CHANNEL - STATION NO. 10MC005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	---	1 420E ON JUN 4 *	84.08 ON APR 14 *	10 900 000	1975
1976	---	1 300B ON JUN 5	88.08 ON MAR 4	11 200 000	1976
				11 100 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MACKENZIE RIVER (EAST CHANNEL) AT INUVIK - STATION NO. 10LC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	40.4	35.2	11.1	19.1	---	---	---	225	194	105	85.2	29.8	---	1973
1974	26.9	17.6	8.05	8.75	197	536	344	408	191	119	116	54.0	170	1974
1975	34.1	31.3	28.7	27.6	291	583	334	214	145	86.8	35.4	25.7	154	1975
1976	23.6	20.2	16.7	16.5	354	449	364	271	223	103	34.0	22.8	159	1976
1977	18.0	16.4	14.3	17.3	110	537	301	205	130	89.4	66.1	23.4	128	1977
1978	13.2	11.5	9.37	7.18	69.0	434	257	177	131	78.7	35.2	25.1	104	1978
1979	18.7	11.2	8.26	9.37	171	470	375	232	142	88.3	47.0	21.3	134	1979
1980	2.57	5.99	2.68	0.490	164	364	169	187	128	74.6	25.0	10.0	94.5	1980
1981	11.7	8.85	7.85	8.52	373	352	231	179	124	85.4	19.1	16.3	120	1981
1982	17.1	14.8	8.04	5.10	102	593	254	206	128	101	43.1	24.0	125	1982
1983	27.3	21.0	11.8	6.44	171	574	244	169	163	82.8	33.4	18.5	127	1983
1984	8.78	5.02	4.42	4.79	189	330	317	266	188	99.3	34.3	31.6	124	1984
1985	30.1	23.0	16.6	16.1	86.3	530	328	192	169	111	36.5	28.7	131	1985
1986	35.4	26.0	20.5	22.0	86.5	628	355	278	188	91.3	38.6	31.7	149	1986
MEAN	22.0	17.9	12.3	12.2	183	491	298	229	159	94.7	45.0	25.8	132	MEAN

LOCATION - LAT 68 22 33 N
LONG 133 45 46 W
REGULATED SINCE 1968

MACKENZIE RIVER (EAST CHANNEL) AT INUVIK - STATION NO. 10LC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1973	---	---	---	---	1973
1974	889 ON JUN 6 *	889 ON JUN 6	6.80 B ON MAR 12	5 350 000	1974
1975	---	9230 ON JUN 3	23.6 B ON NOV 18	4 840 000	1975
1976	---	7080 ON MAY 29	12.4 B ON APR 21	5 010 000	1976
1977	---	7830 ON MAY 31	16.1 B ON DEC 31	4 040 000	1977
1978	---	6030 ON JUN 9	6.37 B ON APR 7	3 280 000	1978
1979	---	8070 ON MAY 31	0.7650 ON DEC 31	4 210 000	1979
1980	---	5700 ON JUN 4	0 B ON JAN 4 *	2 990 000	1980
1981	---	8900 ON MAY 24	7.95 B ON MAR 3	3 780 000	1981
1982	---	8400 ON JUN 3	4.90 B ON APR 15	3 940 000	1982
1983	---	8780 ON JUN 6	5.62 B ON APR 30	4 010 000	1983
1984	---	6500 ON MAY 29	4.40 B ON MAR 10	3 930 000	1984
1985	---	9100 ON JUN 3	14.6 B ON MAR 30	4 120 000	1985
1986	---	9380 ON JUN 6 *	20.0 B ON MAR 19	4 690 000	1986
				4 170 000	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MACKENZIE RIVER (KALINEK CHANNEL) ABOVE ONIAK CHANNEL - STATION NO. 10LC006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	1 150	720	633	394	225	128	88.1	---	1974
1975	40.4	35.9	35.1	85.5	392	1 020	562	371	238	134	69.4	34.8	249	1975
MEAN	40.4	35.9	35.1	85.5	392	1 090	641	502	316	180	98.7	50.5	249	MEAN

LOCATION - LAT 68 23 50 N
LONG 133 59 00 W
REGULATED SINCE 1968

MACKENZIE RIVER (KALINEK CHANNEL) ABOVE ONIAK CHANNEL - STATION NO. 10LC006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	---	1 780 ON JUN 4 *	31.78 ON NOV 18 *	7 850 000	1975
				7 850 000	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORTHWEST TERRITORIES

MACKENZIE RIVER (MIDDLE CHANNEL) ABOVE NAPOIAK CHANNEL - STATION NO. 10LC008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	19 100	17 700	18 700	14 000	10 700	9 370	5 780	---	1974
1975	4 550	4 090	3 630	3 260	13 200	22 700	15 000	12 200	10 400	8 490	3 800	3 430	8 760	1975
1976	3 600	3 600	3 400	3 240	16 100	18 200	17 000	12 400	12 500	7 630	4 220	2 180	8 700	1976
MEAN	4 080	3 850	3 520	3 250	14 700	20 000	16 600	14 400	12 300	8 940	5 800	3 800	8 730	MEAN

LOCATION - LAT 68 26 00 N
LONG 134 06 50 W REGULATED SINCE 1968

MACKENZIE RIVER (MIDDLE CHANNEL) ABOVE NAPOIAK CHANNEL - STATION NO. 10LC008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	---	31 400E ON JUN 3 *	2 940B ON NOV 20	276 000 000	1975
1976	---	31 400B ON MAY 28	1 930B ON DEC 21 *	275 000 000	1976
				276 000 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MACKENZIE RIVER (PEEL CHANNEL) ABOVE AKLAVIK - STATION NO. 10MC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	1 730	956	1 200	667	367	253	183	---	1974
1975	113	70.1	80.1	120	1 080	2 010	1 000	700	605	435	172	148	545	1975
1976	120	104	98.5	110	841	1 770	844	668	531	334	218	169	484	1976
1977	131	115	106	98.2	---	---	---	---	520	362	186	116	---	1977
MEAN	121	96.4	94.9	110	951	1 840	933	856	581	375	207	154	515	MEAN

LOCATION - LAT 68 12 50 N
LONG 135 06 50 W REGULATED SINCE 1968

MACKENZIE RIVER (PEEL CHANNEL) ABOVE AKLAVIK - STATION NO. 10MC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	3 000 AT 16:00 MST ON JUN 5 *	2 940 ON JUN 5	---	---	1974
1975	---	3 450B ON JUN 2 *	69.4B ON FEB 7 *	17 200 000	1975
1976	---	3 110E ON JUN 8	90.6B ON APR 15	15 300 000	1976
1977	---	---	---	---	1977
				16 300 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MACKENZIE RIVER (WEST CHANNEL) BELOW AKLAVIK CHANNEL - STATION NO. 10MC004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	2 380	1 720	2 070	1 150	637	463	358	---	1974
1975	268	209	213	268	2 130	3 620	1 670	1 170	960	711	303	234	983	1975
MEAN	268	209	213	268	2 130	3 000	1 700	1 620	1 060	674	383	296	983	MEAN

LOCATION - LAT 68 15 30 N
LONG 135 03 00 W REGULATED SINCE 1968

MACKENZIE RIVER (WEST CHANNEL) BELOW AKLAVIK CHANNEL - STATION NO. 10MC004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	6 910B AT 05:30 MST ON MAY 31 *	6 680 ON JUN 2 *	204B ON FEB 18 *	31 000 000	1975
				31 000 000	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MACKENZIE RIVER AT ARCTIC RED RIVER - STATION NO. 10LC014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	---	---	---	12 000R	9 660R	5 590R	4 390R	---	1972
1973	4 010R	3 960R	3 750R	3 700R	15 100R	23 000R	18 400R	14 300R	13 400R	10 600R	6 150R	3 870R	10 000R	1973
1974	3 750R	3 350R	2 950R	3 350R	13 000R	20 800R	20 700R	21 800R	13 500R	11 200R	8 210R	4 740R	10 700R	1974
1975	4 720R	4 410R	4 290R	4 290R	18 800R	23 000R	19 700R	14 200R	11 200R	9 730R	4 530R	4 200R	10 300R	1975
1976	3 860R	3 620R	3 380R	3 350R	18 600R	19 100R	20 400R	15 400R	13 700R	9 790R	5 340R	2 550R	9 950R	1976
1977	3 560R	3 250R	3 100R	3 370R	12 700R	23 900R	17 900R	14 200R	10 600R	8 860R	4 590R	3 710R	9 170R	1977
1978	3 750R	3 450R	3 460R	3 820R	8 820R	21 700R	15 900R	12 100R	10 300R	6 760R	3 640R	3 290R	8 100R	1978
1979	3 530R	3 470R	2 870R	2 720R	10 100R	21 600R	22 100R	14 800R	11 400R	9 300R	4 690R	2 820R	9 170R	1979
1980	2 940R	2 870R	2 700R	2 650R	13 900R	16 000R	12 500R	12 300R	9 180R	9 100R	4 720R	2 130R	7 600R	1980
1981	2 950R	2 810R	2 450R	2 180R	14 800R	21 600R	13 500R	9 840R	8 120R	7 270R	4 730R	2 380R	7 740R	1981
1982	2 470R	2 840R	2 550R	2 350R	7 210R	24 600R	13 800R	13 000R	10 400R	8 400R	4 040R	3 500R	7 940R	1982
1983	3 410R	3 200R	2 920R	2 790R	10 200R	22 100R	13 400R	9 440R	8 640R	8 520R	5 490R	3 040R	7 780R	1983
1984	3 450R	3 370R	3 120R	3 500R	12 000R	17 200R	18 800R	14 500R	13 100R	9 590R	3 370R	4 320R	8 880R	1984
1985	4 240	3 840	3 250	2 790	10 300	23 400	20 400	15 800	10 900	10 100	4 970	4 080	9 540	1985
MEAN	3 590R	3 420R	3 140R	3 140R	12 700R	21 400R	17 500R	14 000R	11 200R	9 210R	5 000R	3 500R	8 990	MEAN

LOCATION - LAT 67 27 30 N DRAINAGE AREA, 1 660 000 km²
LONG 133 44 41 W REGULATED SINCE 1968

R - REVISED SINCE JAN 1986

REMARKS - STATION PREVIOUSLY LOCATED AT 10LA003. STATION RELOCATED IN 1985

MACKENZIE RIVER AT ARCTIC RED RIVER - STATION NO. 10LC014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1972	---	---	---	---	1972
1973	25 800R AT 01:00 MST ON JUN 27	25 800R ON JUN 26	3 680RB ON MAR 16	317 000 000R	1973
1974	---	30 300RE ON MAY 30	2 830RB ON MAR 24	337 000 000R	1974
1975	---	34 000RB ON MAY 28 *	3 230RB ON NOV 21	325 000 000R	1975
1976	---	32 000RB ON MAY 24	2 240RB ON DEC 19	315 000 000R	1976
1977	29 200R AT 09:00 MST ON JUN 12 *	29 200R ON JUN 12	2 530RB ON NOV 29	289 000 000R	1977
1978	---	28 300RB ON JUN 5	3 230RB ON DEC 17	255 000 000R	1978
1979	---	28 600RE ON MAY 31	2 230RB ON DEC 25	289 000 000R	1979
1980	---	26 400RB ON MAY 29	1 680RB ON DEC 2 *	240 000 000R	1980
1981	---	28 300RB ON MAY 24	2 040RB ON APR 28	244 000 000R	1981
1982	---	28 800RB ON JUN 4	2 170RB ON JAN 1	251 000 000R	1982
1983	---	29 000RB ON JUN 2	2 780RB ON APR 6	245 000 000R	1983
1984	22 100R AT 20:31 MST ON JUN 19	22 100R ON JUN 19	2 150RB ON NOV 15	280 000 000R	1984
1985	---	31 800B ON JUN 2	2 130B ON NOV 24	301 000 000B	1985
				284 000 000R	MEAN

B - ICE CONDITIONS
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1 1986

NORTHWEST TERRITORIES

MACKENZIE RIVER AT FORT SIMPSON - STATION NO. 10GC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1938	---	---	---	---	---	---	---	9 070	7 610	5 980	---	---	---	1938
1939	---	---	---	---	---	10 700	10 900	8 630	7 800	---	---	---	---	1939
1940	---	---	---	---	---	12 200	13 500	9 550	7 790	---	---	---	---	1940
1941	---	---	---	---	---	17 100	15 100	10 600	---	---	---	---	---	1941
1942	---	---	---	---	---	19 500	14 900	12 700	11 900	10 100	---	---	---	1942
1943	---	---	---	---	---	9 810	12 900	5 270	3 040	2 610	---	---	---	1943
1944	---	---	---	---	---	10 900	9 430	8 370	6 710	6 400	---	---	---	1944
1945	---	---	---	---	---	11 500	9 730	7 310	5 940	---	---	---	---	1945
1946	---	---	---	---	---	10 000	9 520	7 870	6 490	---	---	---	---	1946
1947	---	---	---	---	---	---	11 700	9 130	8 090	---	---	---	---	1947
1948	---	---	---	---	---	---	10 800	8 890	9 190	---	---	---	---	1948
1949	---	---	---	---	---	---	---	11 300	8 700	---	---	---	---	1949
1950	---	---	---	---	---	19 400	18 700	16 900	14 900	---	---	---	---	1950
1951	---	---	---	---	---	---	10 200	7 600	6 280	---	---	---	---	1951
1952	---	---	---	---	---	---	11 800	8 730	8 380	---	---	---	---	1952
1953	---	---	---	---	---	---	11 700	9 040	8 050	---	---	---	---	1953
1954	---	---	---	---	---	11 900	10 500	9 880	8 390	---	---	---	---	1954
1955	---	---	---	---	---	---	15 300	11 000	8 190	---	---	---	---	1955
1956	---	---	---	---	---	---	13 700	8 810	7 890	---	---	---	---	1956
1957	---	---	---	---	---	---	14 900	11 900	8 970	---	---	---	---	1957
1958	---	---	---	---	---	---	10 400	8 500	7 740	---	---	---	---	1958
1959	---	---	---	---	---	12 500	10 900	10 100	9 630	---	---	---	---	1959
1960	---	---	---	3 460	10 900	14 600	14 400	---	---	8 320	4 960	3 460	---	1960
1961	3 550	2 870	2 890	2 240	9 960	18 000	12 000	9 370	8 270	7 340	3 740	3 120	6 960	1961
1962	3 020	2 370	2 050	3 020	11 000	---	---	---	---	---	---	---	---	1962
1963	---	---	---	---	---	---	---	11 400	---	---	---	---	---	1963
1964	---	---	---	---	---	---	13 200	12 300	10 700	9 230	---	---	---	1964
1965	3 210	2 650	2 260	2 490	9 320	14 100	13 000	10 400	9 390	8 510	5 780	3 460	7 080	1965
1966	2 850	2 780	2 650	2 970	6 690	13 300	13 600	10 600	8 980	8 190	5 360	3 610	6 820	1966
1967	3 390	2 940	2 430	2 520	7 090	15 200	13 100	10 600	8 640	7 670	5 500	2 640	6 830	1967
1968	2 390	2 200	2 070	2 380	10 100	13 300	13 700	10 300	9 410	6 920	4 150	2 770	6 650	1968
1969	2 180	1 820	1 590	2 650	10 500	11 300	9 580	8 420	7 990	6 190	4 020	2 810	5 780	1969
1970	2 270	2 070	2 020	2 390	7 730	12 700	9 700	8 360	7 180	5 670	3 870	2 500	5 640	1970
1971	2 080	1 670	1 820	2 080	12 300	14 000	11 100	7 870	7 050	5 980	3 450	2 720	6 010	1971
1972	2 280	1 980	1 840	1 880	7 360	15 300	12 800	10 500	7 820	6 610	3 540	2 960	6 240	1972
1973	2 850	2 730	2 710	3 150	11 800	16 400	12 700	9 650	9 630	7 640	4 390	2 740	7 220	1973
1974	2 280	2 110	2 320	3 230	12 200	14 600	15 100	12 900	9 530	8 390	4 080	3 020	7 510	1974
1975	3 950	3 530	3 360	3 560	10 600	14 600	14 500	10 800	7 980	7 080	2 760	2 810	7 150	1975
1976	3 070	2 820	2 610	3 960	12 000	15 400	16 300	12 800	10 700	8 220	5 370	2 630	8 010	1976
1977	2 780	2 660	2 690	3 320	11 200	18 100	13 800	11 300	8 910	7 550	4 100	2 750	7 460	1977
1978	2 920	2 810	2 730	2 910	7 280	12 100	10 200	8 410	7 740	6 690	4 190	2 850	5 920	1978
1979	2 420	2 170	2 370	2 660	7 290	15 800	15 700	10 500	8 720	7 020	5 760	2 430	6 930	1979
1980	2 480	2 280	2 110	2 570	7 990	10 500	9 860	7 390	6 720	6 890	3 810	2 170	5 410	1980
1981	2 230	2 000	1 900	1 880	11 300	13 100	9 000	6 680	6 600	5 820	3 780	2 370	5 580	1981
1982	2 100	2 000	1 980	2 000	11 400	13 100	9 600	7 850	7 070	6 390	4 200	2 750	5 890	1982
1983	2 370	2 190	2 170	2 400	10 100	12 900	9 420	8 890	7 470	6 710	5 690	2 930	6 120	1983
1984	2 110	1 870	2 130	2 620	7 740	13 200	12 300	9 540	8 690	6 910	4 390	3 580	6 270	1984
1985	3 480	3 020	2 840	3 520	10 800	14 900	13 800	10 300	9 500	7 790	4 340	3 010	7 310	1985
1986	2 780	2 570	2 440	2 470	9 240	15 000	15 500	9 870	7 860	8 080	3 670	3 540	6 950	1986
MEAN	2 710	2 420	2 320	2 730	9 760	13 900	12 500	9 750	8 320	7 170	4 370	2 900	6 600	MEAN

LOCATION - LAT 61 52 07 N
LONG 121 21 25 W

DRAINAGE AREA, 1 270 000 km²
REGULATED SINCE 1968

MACKENZIE RIVER AT FORT SIMPSON - STATION NO. 10GC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1938	---	---	---	---	1938
1939	---	13 200 ON JUL 6	---	---	1939
1940	---	15 000 ON JUL 5	---	---	1940
1941	---	18 900 ON JUN 28	---	---	1941
1942	---	22 200 ON JUN 14	---	---	1942
1943	---	18 100 ON JUL 14	---	---	1943
1944	---	13 000 ON JUN 16	---	---	1944
1945	---	13 600 ON JUN 14	---	---	1945
1946	---	11 600 ON JUN 17	---	---	1946
1947	---	---	---	---	1947
1948	---	---	---	---	1948
1949	---	16 400 ON JUN 27	---	---	1949
1950	---	21 900 ON JUN 22	---	---	1950
1951	---	12 500 ON JUL 6	---	---	1951
1952	---	15 000 ON JUL 3	---	---	1952
1953	---	14 100 ON JUL 28	---	---	1953
1954	---	---	---	---	1954
1955	---	18 700 ON JUL 5	---	---	1955
1956	---	17 500 ON JUL 17	---	---	1956
1957	---	17 100 ON JUL 3	---	---	1957
1958	---	12 800 ON JUN 10	---	---	1958
1959	---	14 100 ON JUN 9	---	---	1959
1960	---	18 500 ON JUN 27	---	---	1960
1961	---	23 500 ON MAY 30 *	2 040 ON APR 25	220 000 000	1961
1962	---	---	1 980B ON MAR 22	---	1962
1963	---	---	---	---	1963
1964	---	---	---	---	1964
1965	---	16 400E ON JUN 10	2 240B ON MAR 15	223 000 000	1965
1966	---	14 800 ON JUN 21	2 610B ON MAR 16	215 000 000	1966
1967	---	17 000B ON JUN 3	2 180B ON APR 13	216 000 000	1967
1968	17 500 AT 13 00 MST ON JUL 17	17 500 ON JUL 17	2 050B ON APR 13	210 000 000	1968
1969	---	13 300E ON JUN 12	1 520B ON MAR 23	182 000 000	1969
1970	---	14 700 ON JUN 14	1 990B ON MAR 2	178 000 000	1970
1971	16 600 AT 17 30 MST ON JUN 21	16 500 ON JUN 21	1 600B ON MAR 3	189 000 000	1971
1972	18 000 AT 14 00 MST ON JUN 4	17 900 ON JUN 4	1 810B ON MAR 19	197 000 000	1972
1973	20 800 AT 02 00 MST ON JUN 21	20 800 ON JUN 21	2 550B ON DEC 31	228 000 000	1973
1974	20 400 AT 22 00 MST ON JUL 21	20 300 ON JUL 21	1 900B ON NOV 26	237 000 000	1974
1975	22 000 AT 14 00 MST ON JUL 2	21 900 ON JUL 2	1 870B ON NOV 25	226 000 000	1975
1976	---	18 400 ON JUL 6	2 290B ON DEC 15	253 000 000	1976
1977	23 000 AT 24 00 MST ON JUN 6 *	22 900 ON JUN 7	2 240B ON NOV 20	235 000 000	1977
1978	13 400 AT 05 40 MST ON JUN 12	13 400 ON JUN 11	2 270B ON NOV 30	187 000 000	1978
1979	20 800 AT 03 10 MST ON JUL 7	20 800 ON JUL 7	1 850B ON DEC 12	218 000 000	1979
1980	12 500 AT 05 50 MST ON JUN 13	12 500 ON JUN 13	1 500B ON NOV 24 *	171 000 000	1980
1981	16 700 AT 03 16 MST ON JUN 1	16 600 ON JUN 1	1 830B ON APR 21	176 000 000	1981
1982	20 900 AT 09 10 MST ON MAY 21	20 700 ON MAY 21	1 970B ON APR 2	186 000 000	1982
1983	15 400 AT 23 44 MST ON JUN 5	15 300 ON JUN 6	2 140B ON APR 8	193 000 000	1983
1984	16 800 AT 18 32 MST ON JUN 12	16 700 ON JUN 12	1 800B ON FEB 9	198 000 000	1984
1985	18 600 AT 15 44 MST ON JUN 9	18 500 ON JUN 9	2 300B ON NOV 24	231 000 000	1985
1986	20 300 AT 15 44 MST ON JUL 6	20 200 ON JUL 6	1 750B ON NOV 20	219 000 000	1986
				208 000 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORTHWEST TERRITORIES

MACKENZIE RIVER AT NORMAN WELLS - STATION NO. 10KA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1943	---	---	---	---	---	10 800	12 800	---	---	7 470	---	---	---	1943
1944	---	---	---	---	---	---	12 900	11 500	8 980	---	---	---	---	1944
1945	---	---	---	---	---	11 900	10 300	8 010	6 590	6 480	---	---	---	1945
1946	---	---	---	---	---	10 000	8 510	6 920	---	---	---	---	---	1946
1947	---	---	---	---	---	19 700	15 300	11 700	10 400	9 000	---	---	---	1947
1948	---	---	---	---	---	14 800	14 600	11 400	12 300	---	---	---	---	1948
1949	---	---	---	---	---	18 500	19 000	16 600	---	---	---	---	---	1949
1950	---	---	---	---	---	13 700	12 600	11 700	---	---	---	---	---	1950
1951	---	---	---	---	---	14 800	15 100	11 700	---	---	---	---	---	1951
1952	---	---	---	---	---	---	16 300	---	---	---	---	---	---	1952
1953	---	---	---	---	---	12 900	14 200	11 300	9 680	---	---	---	---	1953
1954	---	---	---	---	---	17 200	14 800	13 600	11 400	---	---	---	---	1954
1955	---	---	---	---	---	---	19 100	14 400	10 100	---	---	---	---	1955
1961	---	---	---	---	---	---	---	---	10 500	9 970	7 810	6 000	---	1961
1962	4 350	3 000	2 810	---	---	---	---	---	---	13 400	10 000	8 820	---	1962
1963	6 680	4 750	4 090	3 750	---	---	21 100	15 100	13 700	11 800	---	---	---	1963
1964	---	---	---	---	---	---	17 700	16 200	13 600	---	---	---	---	1964
1965	---	---	---	---	---	15 500	16 200	12 700	11 100	10 500	10 000	9 280	---	1965
1966	6 610	3 970	3 440	3 490	7 390	17 800	17 100	13 700	11 000	9 700	4 730	3 930	8 550	1966
1967	4 000	3 770	3 450	3 080	9 390	20 100	17 000	13 000	10 800	9 260	5 420	2 700	8 600	1967
1968	2 770	2 760	2 610	3 110	12 200	17 300	17 800	11 900	10 600	7 730	5 230	2 630	8 090	1968
1969	2 260	2 130	2 190	2 830	12 400	15 100	13 300	12 100	10 500	8 390	5 050	3 000	7 460	1969
1970	2 480	2 410	2 360	2 510	6 680	17 900	14 600	11 800	9 330	8 010	4 990	3 220	7 210	1970
1971	2 700	2 550	2 400	2 490	14 900	17 800	15 400	10 900	9 130	7 940	4 680	3 390	7 880	1971
1972	2 880	2 590	2 480	2 430	11 300	22 000	18 500	15 100	10 600	8 640	4 760	3 790	8 770	1972
1973	3 540	3 420	3 290	3 300	14 800	20 200	16 400	12 700	12 200	9 130	4 970	3 700	9 000	1973
1974	3 480	3 020	2 620	2 920	12 900	19 200	18 800	16 100	12 800	10 500	6 810	4 590	9 680	1974
1975	4 510	3 920	3 680	3 710	18 500	19 600	18 500	13 800	10 600	9 370	4 140	4 100	9 580	1975
1976	3 520	3 110	2 920	3 630	14 300	18 400	20 200	15 600	13 000	9 780	6 120	2 980	9 490	1976
1977	3 040	2 940	2 980	3 600	14 000	22 000	16 600	13 600	10 600	8 960	4 550	3 840	8 930	1977
1978	3 620	3 400	3 230	3 400	13 000	15 800	14 200	11 400	9 340	7 810	3 990	2 890	7 700	1978
1979	3 080	2 930	2 920	3 040	10 200	18 800	19 700	13 800	11 100	9 010	6 330	2 260	8 690	1979
1980	---	---	---	---	---	13 200	12 800	11 000	8 860	8 830	---	---	---	1980
1981	---	---	---	---	---	16 400	12 300	9 010	8 290	7 930	7 720	6 060	---	1981
1982	2 430	2 340	2 250	2 430	13 100	18 500	12 900	12 300	10 100	8 630	5 530	3 240	7 840	1982
1983	3 050	3 000	2 980	3 170	10 300	18 300	12 700	12 100	9 800	7 980	4 440	2 740	7 570	1983
1984	2 850	2 840	2 770	3 470	10 000	15 300	15 900	12 800	11 300	8 450	3 260	3 990	7 760	1984
1985	4 050	4 020	3 700	3 940	15 000	18 400	17 000	12 100	11 000	8 280	3 280	3 900	8 780	1985
1986	3 390	3 220	3 020	3 040	12 900	19 200	18 700	13 600	10 400	9 880	4 120	4 150	8 850	1986
MEAN	3 590	3 150	2 960	3 170	12 300	17 000	15 700	12 700	10 600	9 010	5 600	4 150	8 450	MEAN

LOCATION - LAT 65 16 21 N DRAINAGE AREA, 1 670 000 km²
LONG 126 53 00 W REGULATED SINCE 1968

MACKENZIE RIVER AT NORMAN WELLS - STATION NO 10KA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1943	---	17 600 ON JUL 18	---	---	1943
1944	---	17 900 ON JUN 17	---	---	1944
1945	---	14 200 ON JUN 17	---	---	1945
1946	---	---	---	---	1946
1947	---	24 700 ON JUN 20	---	---	1947
1948	---	---	---	---	1948
1949	---	23 400 ON AUG 17	---	---	1949
1950	---	18 000 ON JUN 23	---	---	1950
1951	---	18 200 ON JUL 10	---	---	1951
1952	---	21 900 ON JUL 5	---	---	1952
1953	---	16 600 ON JUL 21	---	---	1953
1954	---	---	---	---	1954
1955	---	23 300 ON JUL 2	---	---	1955
1961	---	---	---	---	1961
1962	---	---	---	---	1962
1963	27 400 AT 00 30 MST ON JUL 17	27 200 ON JUL 17	---	---	1963
1964	---	---	---	---	1964
1965	---	19 300 ON JUN 18	---	---	1965
1966	---	20 600 ON JUN 20	3 170B ON MAR 31	271 000 000	1966
1967	---	22 500 ON JUN 4	2 210B ON DEC 7	271 000 000	1967
1968	---	25 000 ON JUN 30	2 380B ON DEC 31	256 000 000	1968
1969	---	17 400 ON JUN 17	2 110B ON MAR 11	235 000 000	1969
1970	21 500 AT 15 00 MST ON JUL 22	20 600 ON JUL 22	2 350B ON MAR 13	228 000 000	1970
1971	21 800 AT 13 00 MST ON JUN 24	21 500 ON JUN 24	2 330B ON APR 4	249 000 000	1971
1972	26 100E ON JUL 25	25 500E ON JUL 25	2 390B ON APR 20	277 000 000	1972
1973	25 000 AT 18 55 MST ON JUN 23	24 800 ON JUN 23	3 200B ON APR 30	284 000 000	1973
1974	---	27 500A ON MAY 26	2 550B ON MAR 29	305 000 000	1974
1975	---	30 300B ON MAY 26 *	2 880B ON NOV 16	302 000 000	1975
1976	---	22 000 ON JUL 6	3 750B ON DEC 7	300 000 000	1976
1977	---	26 300B ON MAY 17	2 720B ON NOV 23	281 000 000	1977
1978	---	24 100B ON MAY 30	2 610B ON DEC 1	243 000 000	1978
1979	24 900 AT 20 00 MST ON JUL 9	24 900 ON JUL 9	1 950B ON DEC 26 *	274 000 000	1979
1980	---	---	---	---	1980
1981	---	---	---	---	1981
1982	---	25 900E ON MAY 25	2 210B ON MAR 28	247 000 000	1982
1983	---	25 000B ON MAY 29	2 550B ON DEC 22	239 000 000	1983
1984	19 900 AT 20 55 MST ON JUN 15	19 800 ON JUN 15	2 080B ON NOV 12	245 000 000	1984
1985	---	28 200B ON MAY 18	2 650B ON NOV 23	276 000 000	1985
1986	29 700 AT 09 34 MST ON MAY 26 *	27 000B ON MAY 25	2 080B ON NOV 21	279 000 000	1986
MEAN				286 000 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MACKENZIE RIVER NEAR FORT PROVIDENCE - STATION NO 10FB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1961	---	---	---	---	---	---	---	---	6 330	---	---	---	---	1961
1962	---	---	---	---	---	7 000	8 310	8 840	8 370	7 930	---	---	---	1962
1963	---	---	---	---	---	7 400	8 160	8 110	7 650	7 120	5 550	3 290	---	1963
1964	2 880	2 380	2 140	2 060	5 380	7 940	8 610	8 590	8 420	7 830	5 990	3 050	5 430	1964
1965	2 820	2 400	2 190	2 220	6 180	7 740	8 260	8 000	7 270	6 780	3 820	2 750	5 040	1965
1966	2 710	2 670	2 580	2 490	4 190	7 440	7 730	7 400	7 180	6 600	3 740	2 990	4 820	1966
1967	2 840	2 420	1 970	2 000	4 040	6 780	8 430	7 830	7 080	6 560	4 790	2 280	4 770	1967
1968	1 590	1 610	1 370	1 510	4 150	6 880	6 700	6 880	6 270	6 070	3 610	1 500	3 750	1968
1969	1 280	1 190	1 270	1 220	4 840	6 120	6 870	6 180	6 010	4 810	3 280	2 180	3 520	1969
1970	1 610	1 420	1 380	1 550	4 380	6 830	6 770	6 390	4 800	4 310	3 420	2 330	3 530	1970
1971	1 880	1 490	1 400	1 440	5 080	6 700	6 580	6 440	6 110	4 690	2 920	2 480	3 600	1971
1972	2 050	1 790	1 620	1 820	3 900	6 020	6 530	6 180	6 880	4 780	2 900	2 210	3 780	1972
1973	2 450	2 380	2 310	2 490	6 100	6 980	6 980	6 870	6 630	6 160	3 310	2 380	4 580	1973
1974	---	---	---	---	---	7 730	7 840	7 510	7 040	6 270	---	---	---	1974
1975	---	---	---	---	---	7 500	6 970	6 290	6 780	6 510	---	---	---	1975
1976	---	---	---	---	---	7 590	7 290	6 840	6 810	6 880	---	---	---	1976
1977	---	---	---	---	---	6 960	6 880	6 400	6 850	6 230	---	---	---	1977
1978	---	---	---	---	---	6 190	6 810	6 090	4 770	4 480	---	---	---	1978
MEAN	2 180	1 870	1 820	1 880	4 820	6 920	7 180	6 800	6 380	5 880	3 930	2 490	4 280	MEAN

LOCATION - LAT 61 15 04 N
LONG 117 28 48 W
DRAINAGE AREA, 871 000 km^2
REGULATED SINCE 1968

REMARKS - HIGHER MAXIMUM DISCHARGES ARE KNOW TO HAVE OCCURRED OUTSIDE THE STANDARD PERIOD.

MACKENZIE RIVER NEAR FORT PROVIDENCE - STATION NO. 10FB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1961	---	---	---	---	1961
1962	---	---	---	---	1962
1963	---	---	---	---	1963
1964	---	8 630 ON JUL 9 *	1 6808 ON APR 15	172 000 000	1964
1965	---	8 690 ON JUL 23	2 0708 ON APR 11	159 000 000	1965
1966	8 010 AT 18:00 MST ON JUL 10 *	7 980 ON JUL 10	2 4208 ON APR 14	152 000 000	1966
1967	---	8 610 ON JUL 12	1 7308 ON APR 14	150 000 000	1967
1968	7 220 AT 21:00 MST ON JUL 6	7 110 ON JUL 6	1 2908 ON MAR 9	118 000 000	1968
1969	---	7 050E ON MAY 13	1 0408 ON APR 15 *	111 000 000	1969
1970	8 200 AT 13:30 MST ON JUN 24	8 140 ON JUN 24	1 3508 ON MAR 4	111 000 000	1970
1971	---	8 960 ON MAY 14	1 3108 ON APR 15	114 000 000	1971
1972	8 680 AT 20:00 MST ON JUL 10	8 650 ON JUL 10	1 5908 ON MAR 28	119 000 000	1972
1973	---	7 280 ON AUG 18	2 0708 ON DEC 31	145 000 000	1973
1974	---	---	---	---	1974
1975	---	---	---	---	1975
1976	---	---	---	---	1976
1977	7 820 AT 18:00 MST ON JUN 3	---	---	---	1977
1978	---	---	---	---	1978
				135 000 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MARCIL CREEK NEAR ARCTIC BAY - STATION NO. 10UB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	0	0	0	0	0	0.152	5.80	0.964	0.155	0	0	0	0.599	1978
1979	0	0	0	0	0	0.984	3.98	0.544	0.032	0	0	0	0.488	1979
1981	0	0	0	0	0	2.66	2.39	1.76	0.118	0	0	0	0.981	1981
1982	---	---	---	0	0	---	---	---	---	0	0	---	---	1982
1983	---	---	---	---	0	---	---	---	---	---	---	---	---	1983
MEAN	0	0	0	0	0	1.27	4.06	1.09	0.102	0	0	0	0.549	MEAN

LOCATION - LAT 72 59 37 N
LONG 84 59 16 W
DRAINAGE AREA, 139 km^2
NATURAL FLOW

MARCIL CREEK NEAR ARCTIC BAY - STATION NO. 10UB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	23.7 AT 19:50 MST ON JUL 10 *	17.6 ON JUL 10 *	00 ON JAN 1 *	18 900	1978
1979	---	16.6 A ON JUL 4	00 ON JAN 1	14 800	1979
1981	17.0 AT 10:25 MST ON JUN 29	9.61 ON JUN 29	00 ON JAN 1	18 300	1981
1982	---	---	00 ON APR 1	---	1982
1983	---	---	00 ON MAY 1	---	1983
				17 300	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MARTEN RIVER ABOVE THOA RIVER - STATION NO. 07QC004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	4.52	8.61	6.18	4.63	6.72	5.68	5.40	3.67	---	1977
1978	2.03	1.11	0.770	0.700	5.23	5.40	3.97	3.62	2.84	2.84	2.29	1.66	2.67	1978
1979	---	---	---	---	---	8.50	3.07	1.25	0.918	3.25	4.38	2.40	---	1979
1980	1.26	1.02	0.811	4.28	7.46	3.96	3.96	5.78	6.34	5.13	4.14	3.27	4.13	1980
1981	1.41	0.853	0.521	0.630	8.74	4.56	9.11	5.27	4.52	4.13	3.56	2.96	2.97	1981
1982	2.11	1.10	0.881	0.795	19.6	11.4	5.06	3.10	6.09	6.72	4.20	2.76	5.35	1982
1983	1.96	1.37	0.952	1.35	6.38	7.95	7.05	10.4	10.8	8.21	5.86	3.73	5.53	1983
1984	1.98	1.40	1.21	8.98	8.95	5.64	13.7	12.0	11.8	11.0	7.93	4.81	7.23	1984
1985	2.94	1.87	1.45	1.19	25.3	9.49	4.18	4.14	4.05	3.98	2.65	2.00	5.23	1985
1986	1.32	1.20	1.05	1.05	12.9	9.06	6.49	5.60	6.48	4.96	3.87	2.93	4.78	1986
MEAN	1.88	1.24	0.958	2.00	11.0	7.46	6.28	5.70	6.33	5.57	4.42	2.91	4.66	MEAN

LOCATION - LAT 60 38 14 N
LONG 108 58 43 W
DRAINAGE AREA, 738 km^2
NATURAL FLOW

MARTEN RIVER ABOVE THOA RIVER - STATION NO 07OCO04

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1977	---	9.43 ON JUN 23	---	---	1977
1978	7.28 AT 12 00 MST ON MAY 28	7.28 ON MAY 28	0.6808 ON APR 25	84 300	1978
1979	---	---	---	---	1979
1980	---	11.9 ON APR 29	0.7218 ON APR 9	130 000	1980
1981	---	13.0 ON JUL 15	0.3378 ON APR 22 *	125 000	1981
1982	---	31.6 E ON MAY 25	0.680 ON APR 17	169 000	1982
1983	---	11.9 ON AUG 25	0.8918 ON MAR 20	174 000	1983
1984	33.8 AT 09 27 MST ON JUL 28	33.3 ON JUL 28	1.04 B ON MAR 16	229 000	1984
1985	43.3 AT 06 05 MST ON MAY 12 *	42.9 ON MAY 14 *	1.10 B ON APR 20	185 000	1985
1986	16.4 AT 15 11 MST ON MAY 16	17.9 ON MAY 16	0.8998 ON APR 26	151 000	1986
				153 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MARTIN RIVER AT HIGHWAY NO. 1 - STATION NO. 10GC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	---	---	---	---	1.19	0.486	0.321	---	1972
1973	0.165	0.169	0.159	0.360	24.9	18.0	5.31	3.86	1.82	0.528	0.228	0.130	4.94	1973
1974	0.141	0.111	0.072	0.134	36.9	19.1	5.35R	8.68	4.14	1.65	0.773	0.382	6.49R	1974
1975	0.288	0.221	0.188	0.870	52.2	13.7	2.00	8.70	3.38	5.90	1.31	0.625	7.54	1975
1976	0.435	0.264	0.131	5.71	40.9	8.15	5.26	14.6	10.8	3.28	0.941	0.348R	7.63R	1976
1977	0.0018	0.0018	0.0018	0.7818	41.6	18.0	5.72	2.80	1.11	1.02	0.732	0.264	6.05R	1977
1978	0.186	0.093	0.086	0.183	28.8	8.23	5.12	0.994	0.605	0.645	0.195	0.151	3.82	1978
1979	0.080	0.036	0.017	0.140	46.1	13.6	6.27	1.90	1.66	3.03	0.416	0.029	6.18	1979
1980	0.030	0.030	0.018	1.86	8.13	1.68	3.62	0.374	2.31	3.11	0.633	0.060	1.58	1980
1981	0.020	0.018	0.020	0.681	40.6	3.77	3.77	1.26	4.79	11.6	4.17	1.27	6.04	1981
1982	0.609	0.335	0.185	0.383	96.1	34.4	13.3	24.0	19.0	9.64	4.07	1.82	17.0	1982
1983	1.28	0.963	0.585	1.83	65.6	33.3	3.05	2.26	0.690	0.454	0.301	0.111	9.24	1983
1984	0.097	0.094	0.109	2.36 B	8.87	2.78	20.1	3.69	7.16	7.24	0.580	0.354	4.23R	1984
1985	0.174	0.091	0.086	0.004	38.9	11.5	15.5	4.44	1.50	1.77	0.645	0.349	8.32	1985
1986	0.348	0.304	0.308	0.282	50.7	21.0	18.9	12.6	8.53	6.04	0.951	0.325	10.2	1986
MEAN	0.2708	0.1808	0.1308	1.06 R	40.8	14.8	8.45R	6.44	4.82	3.82	1.09	0.438R	6.95	MEAN

LOCATION - LAT 61 53 50 N DRAINAGE AREA, 2 050 km^2
LONG 121 36 27 W NATURAL FLOW

R - REVISED SINCE JAN 1986

REMARKS - FORMERLY PUBLISHED AS "NEAR THE MOUTH"

MARTIN RIVER AT HIGHWAY NO. 1 - STATION NO. 10GC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	---	---	---	---	1972
1973	91.9 AT 17 00 MST ON JUN 28	88.5 ON JUN 28	0.1258 ON DEC 17	196 000	1973
1974	82.1 AT 16 00 MST ON MAY 16	79.9 ON MAY 16	0.0828 ON APR 2	205 000R	1974
1975	104 B AT 22 00 MST ON MAY 3	101 B ON MAY 3	0.1428 ON MAR 31	238 000	1975
1976	117 B AT 16 00 MST ON MAY 1	113 ON MAY 1	0.001RB ON DEC 26 *	241 000R	1976
1977	103 AT 20 30 MST ON MAY 16	102 ON MAY 16	0.001RB ON JAN 1	181 000R	1977
1978	---	84.88 ON MAY 7	0.0858 ON MAR 1	120 000	1978
1979	130 AT 17 30 MST ON MAY 20	115 ON MAY 20	0.0178 ON FEB 19	194 000	1979
1980	---	19.18 ON MAY 1	0.007 ON SEP 3	50 100	1980
1981	104 B AT 15 00 MST ON MAY 8	98.4 ON MAY 8	0.0198 ON FEB 6	191 000	1981
1982	283 AT 14 30 MST ON MAY 22 *	283 ON MAY 22 *	0.1508 ON MAR 11	535 000	1982
1983	126 AT 19 42 MST ON MAY 29	124 ON MAY 29	0.1008 ON DEC 13	291 000	1983
1984	81.2 AT 16 40 MST ON JUL 3	78.2 ON JUL 3	0.0938 ON FEB 27	134 000R	1984
1985	84.8 AT 16 35 MST ON MAY 15	83.1 ON MAY 16	0.0018 ON MAR 29	189 000	1985
1986	130 B AT 14 39 MST ON MAY 9	112 ON MAY 12	0.1978 ON MAR 3	322 000	1986
				219 000R	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1 1986

MEADOW CREEK ABOVE SAOVAOJUAC INLET - STATION NO. 08OA002

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO SEP IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	0.010	0.008	0.001	---	---	---	---	---	1978
1979	---	---	---	---	0.008	0.005	0	0.001	---	---	---	---	---	1979
1980	---	---	---	---	0.002	0.005	0.008	0.004	---	---	---	---	---	1980
1981	---	---	---	---	---	0.010	0.001	0	---	---	---	---	---	1981
MEAN	---	---	---	---	0.004	0.008	0.003	0.002	---	---	---	---	---	MEAN

LOCATION - LAT 63 39 45 N DRAINAGE AREA, 0.15 km^2
LONG 90 43 10 W NATURAL FLOW

DATA CONTRIBUTED BY - FRESHWATER INSTITUTE (DFO) (CANADA)

NORTHWEST TERRITORIES

MEADOW CREEK ABOVE SAOYAOJUAC INLET - STATION NO. 08DA002

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO SEP FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	---	0.065 ON JUL 5	0 ON JUN 1 *	---	1978
1979	---	0.062 ON MAY 25	0 ON MAY 1	---	1979
1980	---	0.0698 ON SEP 9 *	0 ON MAY 1	---	1980
1981	0.076 AT 13:30 CST ON JUN 7 *	0.035A ON JUN 7	0 ON MAY 23	---	1981
				---	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

MECHAM RIVER NEAR RESOLUTE - STATION NO. 10VC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	---	4.49	---	---	---	---	---	---	1971
1972	---	---	---	---	---	---	4.80	0.274	---	---	---	---	---	1972
1973	---	---	---	---	---	---	0.802	0.506	---	---	---	---	---	1973
1974	---	---	---	---	---	---	5.80	0.078	---	---	---	---	---	1974
1975	---	---	---	---	---	---	2.83	---	---	---	---	---	---	1975
1977	0	0	0	0	0	2.92	3.42	0.870	0.015	0	0	0	0.606	1977
1978	0	0	0	0	0	0	7.15	0.970	0.024	0	0	0	0.682	1978
1979	0	0	0	0	0	0	6.65	0.322	0.010	0	0	0	0.583	1979
MEAN	0	0	0	0	0	0.973	4.47	0.503	0.016	0	0	0	0.630	MEAN

LOCATION - LAT 74 41 24 N, LONG 94 47 10 W DRAINAGE AREA, 86.8 km^2, NATURAL FLOW

MECHAM RIVER NEAR RESOLUTE - STATION NO. 10VC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	---	---	---	---	1971
1972	---	19.9 ON JUL 18	---	---	1972
1973	---	---	---	---	1973
1974	---	---	---	---	1974
1975	---	---	---	---	1975
1977	---	15.2 ON JUN 29	0B ON JAN 1 *	19 100	1977
1978	33.1 AT 22:30 MST ON JUL 14	22.2 ON JUL 15	0B ON JAN 1	21 900	1978
1979	63.1 AT 16:00 MST ON JUL 15 *	27.0 ON JUL 15 *	0B ON JAN 1	18 700	1979
				19 900	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

METAHDALI CREEK ABOVE WILLOWLAKE RIVER - STATION NO. 10GB005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	---	---	---	1.54	0.880	0.077	0	0	---	1976
1977	0	0	0	0.331	5.47	1.63	1.01	0.012	0.015	0.007	0	0	0.799	1977
1978	0	0	0	0.050	2.71	2.13	2.48	0.434	0.047	0.020	0	0	0.863	1978
1979	0	0	0	0.111	8.40	1.23	0.139	0.952	0.731	0.414	0.052	0	1.01	1979
1980	0	0	0	0.803	2.46	0.532	0.203	0.035	0.265	0.216	0.010	0	0.378	1980
1981	0	0	0	0.020	5.42	0.262	0.691	0.149	0.303	2.13	0.232	0.008	0.867	1981
1982	0	0	0	0.013	16.5	4.08	0.202	5.89	5.29	0.538	0.081	0.012	2.83	1982
1983	0	0	0	0.262	10.8	2.46	0.148	0.611	0.156	0.028	0	0	1.22	1983
1984	0	0	0	0.588	1.52	0.633	3.12	0.362	0.737	0.862	0.048	0	0.670	1984
1985	0	0	0	0	11.1	1.78	2.69	0.532	0.242	0.085	0.001	0	1.39	1985
1986	0	0	0	0.002	9.32	7.55	3.12	3.39	1.66	0.581	0.009	0.001	2.15	1986
MEAN	0	0	0	0.218	7.57	2.23	1.38	1.36	0.939	0.460	0.039	0.002	1.20	MEAN

LOCATION - LAT 82 38 59 N, LONG 122 54 23 W DRAINAGE AREA, 344 km^2, NATURAL FLOW

REMARKS - FLOWS ABOVE 30 m^3/s WERE ESTIMATED AND SHOULD BE USED WITH DISCRETION

METANDALI CREEK ABOVE WILLOWLAKE RIVER - STATION NO. 10CB005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	---	---	0.0 ON OCT 25 *	---	1976
1977	14.7 AT 15:40 MST ON MAY 13	14.6 ON MAY 13	0.0 ON JAN 1	25 200	1977
1978	7.33 AT 15:00 MST ON MAY 4	6.31 ON JUL 26	0.0 ON JAN 1	20 900	1978
1979	22.3 B AT 21:00 MST ON MAY 14	19.7 B ON MAY 14	0.0 ON JAN 1	32 000	1979
1980	6.41RB AT 12:00 MST ON APR 30	5.69B ON APR 30	0.0 ON JAN 1	12 000	1980
1981	27.6 AT 12:03 MST ON MAY 5	24.8 ON MAY 5	0.0 ON JAN 1	27 400	1981
1982	73.3 E AT 01:37 MST ON MAY 18 *	64.4 E ON MAY 19 *	0.0 ON JAN 1	89 200	1982
1983	26.8 AT 01:08 MST ON MAY 21	24.4 ON MAY 21	0.0 ON JAN 1	38 600	1983
1984	15.8 AT 23:59 MST ON JUL 2	14.4 ON JUL 3	0.0 ON JAN 1	21 200	1984
1985	---	40.0 B ON MAY 12	0.0 ON JAN 1	43 800	1985
1986	31.4 E AT 02:37 MST ON JUN 26	29.1 ON JUN 26	0.0 ON JAN 1	67 800	1986
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 1 1986		37 600	MEAN

MILE 14 CREEK AT FORT LIARD HIGHWAY - STATION NO. 10ED005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	0	0	0	0.062	0.862	0.185	0.019	0.004	0.004	0.019	0.001	0	0.096	1979
1980	0	0	0	0.067	0.028	0.018	0.007	0	0	0.026	0.002	0	0.012	1980
1981	0	0	0	0	0.374	0.007	0.002	0.002	0.084	0.558	0.013	0	0.088	1981
MEAN	0	0	0	0.043	0.421	0.063	0.009	0.002	0.029	0.201	0.005	0	0.065	MEAN

LOCATION - LAT 61 25 30 N
LONG 121 37 30 W NATURAL FLOW

MILE 14 CREEK AT FORT LIARD HIGHWAY - STATION NO. 10ED005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1979	---	2.80 RE ON MAY 20 *	0.0 ON JAN 1 *	3 020	1979
1980	---	0.2098 ON APR 20	0.0 ON JAN 1	384	1980
1981	---	1.57 A ON MAY 4	0.0 ON JAN 1	2 770	1981
A - MANUAL GAUGE (SEE REFERENCE INDEX)	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 1 1986		2 060	MEAN

MOUNTAIN RIVER BELOW CAMBRIAN CREEK - STATION NO. 10KC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	---	---	731	340	185	---	---	---	---	---	1975
1976	12.5	10.9	9.30	---	---	---	---	---	---	---	---	---	---	1976
1977	10.9	10.7	10.5	---	---	---	---	---	---	---	---	---	---	1977
1978	13.1	11.1	9.54	9.03	88.4	344	328	235	101	48.2	27.7	24.5	104	1978
1979	18.6	9.93	8.69	11.1	150	340	413	299	144	76.5	24.2	16.6	128	1979
1980	11.5	9.86	9.18	12.5	175	287	230	395	192	79.0	26.6	16.6	121	1980
1981	---	---	---	---	---	---	357	205	89.7	46.6	26.0	21.1	---	1981
1982	18.6	15.6	11.4	9.66	---	---	---	377	120	52.2	32.2	22.3	---	1982
1983	18.6	15.9	15.1	22.6	103	418	229	219	138	73.1	31.4	18.1	108	1983
1984	11.0	10.1	9.99	14.5	151	389	367	314	140	69.2	31.9	22.0	130	1984
1985	17.6	15.1	12.9	11.7	103	386	295	239	157	61.2	25.2	21.1	113	1985
1986	18.9	17.0	15.3	13.7	108	575	384	439	241	80.0	23.5	19.2	162	1986
MEAN	15.0	12.7	11.3	13.1	127	434	329	291	147	65.0	27.7	18.8	124	MEAN

LOCATION - LAT 65 13 38 N DRAINAGE AREA, 11 100 km^2
LONG 128 34 00 W NATURAL FLOW

MOUNTAIN RIVER BELOW CAMBRIAN CREEK - STATION NO. 10KC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1975	---	---	---	---	1975
1976	---	---	---	---	1976
1977	---	---	---	---	1977
1978	994 AT 07 40 MST ON JUL 2	827 ON JUL 2	8.898 ON APR 8	3 270 000	1978
1979	912 AT 02 30 MST ON JUL 2	789 ON JUL 2	8.608 ON MAR 15 *	4 030 000	1979
1980	1 180 AT 10 30 MST ON AUG 15	959 ON AUG 15	9.008 ON FEB 29	3 820 000	1980
1981	---	618 ON JUL 31	---	---	1981
1982	---	---	8.808 ON APR 7	---	1982
1983	---	859 ON JUN 28	12.6 B ON DEC 31	3 430 000	1983
1984	1 040 AT 18 10 MST ON JUN 28	780 ON JUN 28	9.978 ON MAR 28	4 100 000	1984
1985	821 AT 09 25 MST ON JUN 6	790 ON JUN 6	11.4 B ON APR 15	3 550 000	1985
1986	1 600 AT 12 34 MST ON AUG 16 *	1 140 ON AUG 14 *	13.1 B ON APR 25	5 110 000	1986
				3 900 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

MUSKEG CREEK NEAR YELLOWKNIFE - STATION NO. 07SB007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	0	---	0	0	0	---	---	---	---	---	1967
MEAN	---	---	---	0	---	0	0	0	---	---	---	---	---	MEAN

LOCATION - LAT 62 22 10 N, LONG 114 23 28 W DRAINAGE AREA, 0.24 km^2 NATURAL FLOW

NAGLE CHANNEL BELOW SLAVE RIVER - STATION NO. 07NC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	3.06	2.37	1.74	3.42	10.0	11.4	12.9	13.0	12.5	12.4	9.76	5.46	8.19	1980
MEAN	3.06	2.37	1.74	3.42	10.0	11.4	12.9	13.0	12.5	12.4	9.76	5.46	8.19	MEAN

LOCATION - LAT 61 15 10 N, LONG 113 30 30 W REGULATED SINCE 1968

NAGLE CHANNEL BELOW SLAVE RIVER - STATION NO. 07NC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	14.0 ON AUG 20 *	0.8648 ON MAR 28 *	259 000	1980
				259 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

P/N LAKE OUTLET - STATION NO. 08DA004

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO SEP IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	0.017	0.015	0	---	---	---	---	---	1978
1979	---	---	---	---	0.006	0.010	0	0	---	---	---	---	---	1979
1980	---	---	---	---	0	0.013	0.010	0.005	---	---	---	---	---	1980
1981	---	---	---	---	---	0.023	0.003	0	---	---	---	---	---	1981
MEAN	---	---	---	---	0.003	0.016	0.007	0.001	---	---	---	---	---	MEAN

LOCATION - LAT 63 39 55 N, LONG 90 40 00 W DRAINAGE AREA, 0.36 km^2 NATURAL FLOW DATA CONTRIBUTED BY - FRESHWATER INSTITUTE (DFO) (CANADA)

P/N LAKE OUTLET - STATION NO. 08DA004

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO SEP FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	---	0.091 ON JUN 20	0 ON JUN 1 *	---	1978
1979	---	0.085 ON MAY 29	0 ON MAY 1	---	1979
1980	---	0.041 ON SEP 10	0 ON MAY 1	---	1980
1981	0.102 AT 20 50 CST ON JUN 11 *	0.094A ON JUN 13 *	0 ON MAY 28	---	1981
				---	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) * - EXTREME RECORDED FOR THE PERIOD OF RECORD

PEEL RIVER ABOVE FORT MCPHERSON - STATION NO. 10MC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	---	---	---	---	---	405	200	135	---	1969
1970	111	100	89.7	79.1	---	---	1 500	1 080	901	389	177	113	---	1970
1971	81.5	77.6	69.5	---	---	---	---	---	1 150	387	183	108	---	1971
1972	80.9	70.3	59.8	55.0	---	---	862	834	994	315	119	85.0	---	1972
1973	77.1	65.0	52.2	48.3	---	---	1 310	2 220	1 140	380	98.2	76.1	---	1973
1974	64.9	58.3	54.3	55.7	525	910	1 280	2 530	824	232	125	109	649	1974
1975	84.3	85.0	77.3	74.9	3 230	4 470	1 520	1 090	1 110	438	144	94.9	1 040	1975
1976	83.7	77.1	74.2	101	2 680	2 060	861	1 330	615	389	186	99.0	714	1976
1977	77.1	73.6	73.6	80.5	3 240	2 840	1 080	505	426	349	137	90.9	760	1977
1978	72.5	80.2	64.0	63.7	453	3 880	1 220	572	578	315	97.0	83.6	620	1978
1979	80.8	77.1	72.3	70.8	2 370	1 920	2 380	1 400	1 130	812	187	80.8	870	1979
1980	85.7	88.9	81.3	86.6	3 330	2 310	805	1 650	675	276	189	180	810	1980
1981	76.5R	86.1R	82.2R	89.5R	1 330R	1 480R	2 240R	1 160R	627R	385R	203 R	123 R	852R	1981
1982	83.3	85.7	89.4	89.5	1 430	3 800	1 150	1 040	655	311	129	104	742	1982
1983	87.8	74.4	68.6	78.3	1 780	3 080	827	878	562	249	120	88.3	855	1983
1984	81.4	68.2	67.0	73.9	3 090	2 270	1 650	1 180	860	286	126	103	819	1984
1985	83.4	80.0	77.4	87.6	2 340	2 440	936	676	886	459	131	93.6	889	1985
1986	77.1	73.8	71.9	71.7	558	2 700	961	1 530	748	300	175	110	816	1986
MEAN	80.5R	71.3R	66.2R	89.1R	2 040R	2 700R	1 280R	1 230R	821R	358R	152 R	103 R	743	MEAN

LOCATION - LAT 67 14 10 N DRAINAGE AREA, 70 800 km²
LONG 134 54 28 W NATURAL FLOW

R - REVISED SINCE JAN 1986

PEEL RIVER ABOVE FORT MCPHERSON - STATION NO. 10MC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1969	---	---	---	---	1969
1970	---	3 000 ON JUL 9	---	---	1970
1971	---	---	---	---	1971
1972	---	---	45 9B ON APR 15 *	---	1972
1973	---	---	---	---	1973
1974	---	4 300 ON JUN 5	53 0B ON MAR 31	20 500 000	1974
1975	10 800 AT 02 10 MST ON MAY 31 *	10 600 ON MAY 31 *	72 8B ON APR 2	32 800 000	1975
1976	---	4 640 ON MAY 22	71 9B ON APR 8	22 600 000	1976
1977	8 440 AT 13 10 MST ON MAY 20	8 380 ON MAY 20	73 6B ON FEB 1	24 000 000	1977
1978	---	7 750B ON JUN 3	52 7B ON MAR 12	18 600 000	1978
1979	5 320 AT 01 30 MST ON MAY 30	5 220 ON MAY 30	86 3B ON APR 20	27 400 000	1979
1980	---	8 200B ON MAY 24	59 2B ON FEB 23	25 600 000	1980
1981	---	4 900R ON MAY 23	57 6RB ON APR 23	20 900 000R	1981
1982	---	9 930 ON MAY 31	58 1B ON MAR 28	23 400 000	1982
1983	---	8 000B ON JUN 1	56 0B ON DEC 31	20 700 000	1983
1984	---	6 800B ON MAY 20	46 8B ON MAR 20	25 800 000	1984
1985	---	7 000B ON MAY 23	64 5B ON APR 25	22 000 000	1985
1986	---	5 870B ON JUN 1	71 5B ON APR 4	19 400 000	1986
				23 400 000R	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1 1986

PLATEAU CREEK NEAR WILLOW LAKE - STATION NO. 10FC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	---	0.488	0.397	---	---	---	0.013	0	---	1976
1977	---	---	---	---	0.767	0.028	0.023	0.015	0.023	0.023	---	---	---	1977
1978	0	0	0	0.001	---	0.274	0.349	0.082	0.146	0.278	0.018	0	---	1978
1979	0	0	0	0	2.01	0.207	0.013	0.005	0.027	0.087	0.003	0	0.199	1979
1980	0	0	0	0.612	0.525	0.129	0.076	0.023	0.180	0.302	0.014	0	0.153	1980
1981	0	0	0	0	1.15	0.291	0.076	0.003	0.058	0.380	0.024	0	0.188	1981
1982	0	0	0	0	1.75	0.457	0.058	0.108	0.331	0.194	0.012	0	0.245	1982
1983	0	0	0	0	1.82	1.06	0.320	0.818	0.595	0.092	0.009	0	0.396	1983
1984	0	0	0	0.492	1.24	0.230	---	---	---	0.577	0.005	0	---	1984
1985	0	0	0	0.004	1.56	0.383	0.257	0.515	0.134	0.153	0.006	0	0.254	1985
MEAN	0	0	0	0.139	1.35	0.355	0.175	0.196	0.184	0.232	0.012	0	0.236	MEAN

LOCATION - LAT 62 18 15 N DRAINAGE AREA, 69.9 km²
LONG 118 13 59 W NATURAL FLOW

NORTHWEST TERRITORIES

PLATEAU CREEK NEAR WILLOW LAKE - STATION NO. 10FC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	---	---	0B ON NOV 26 *	---	1976
1977	---	---	---	---	1977
1978	---	---	0B ON JAN 1	---	1978
1979	8.818 AT 22 10 MST ON MAY 17	7.468 ON MAY 18	0B ON JAN 1	6 290	1979
1980	3 90 AT 01 40 MST ON APR 27	3 52 ON APR 27	0B ON JAN 1	4 860	1980
1981	10.5 B AT 23 25 MST ON MAY 7	6 128 ON MAY 7	0B ON JAN 1	5 300	1981
1982	7 14 AT 04 12 MST ON MAY 23	6 84A ON MAY 22	0B ON JAN 1	7 710	1982
1983	18 1 AT 20 58 MST ON MAY 29 *	13.2 ON MAY 30 *	0B ON JAN 1	12 500	1983
1984	7.31 AT 11.59 MST ON JUL 1	5 75 ON JUL 1	0B ON JAN 1	---	1984
1985	---	4.808 ON MAY 13	0B ON JAN 1	8 010	1985
				7 450	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

POCKET LAKE OUTFLOW NEAR YELLOWKNIFE - STATION NO. 07SB011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	0	0	0	0	0	0	0	---	---	---	1967
1968	---	---	---	0	0	0	0	0	0	0	0	0	---	1968
1969	0	0	0	0	0	0	0	0	0	0	---	---	---	1969
1970	---	---	---	---	0.001	0	0	0	0	0	---	---	---	1970
1971	---	---	---	0	0.001	0	0	0	0	0	---	---	---	1971
1972	---	---	---	0	---	---	0	0	0	0	---	---	---	1972
1973	---	---	---	0	0	0	0	0	0	0	---	---	---	1973
1974	---	---	---	0	0.001	0	0	0	0	0	---	---	---	1974
1975	0	0	0	0	0 001	0	0	0	0	0	0	0	0	1975
1976	0	0	0	0	0	0	0	0	0	0	0	0	0	1976
1977	0	0	0	0	0	0	0	0	0	0	0	0	0	1977
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	MEAN

LOCATION - LAT 62 30 36 N, LONG 114 22 16 W NATURAL FLOW

POCKET LAKE OUTFLOW NEAR YELLOWKNIFE - STATION NO. 07SB011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	---	---	---	---	1968
1969	---	---	---	---	1969
1970	---	---	---	---	1970
1971	---	---	---	---	1971
1972	---	---	---	---	1972
1973	---	---	---	---	1973
1974	---	---	---	---	1974
1975	---	0.001E ON MAY 3 *	0 ON JAN 1 *	1.81	1975
1976	---	0.001 ON APR 28	0 ON JAN 1	1.38	1976
1977	---	0 ON JAN 1	0 ON JAN 1	0	1977
				1.06	MEAN

E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

PORTER LAKE OUTFLOW - STATION NO. 07OD006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	7.36	5.71	4.56	3.74	4.26	9.83	11.6	12.1	12.7	11.6	11.2	9.57	8.72	1983
1984	7.22	5.11	3.94	4.38	9.38	11.7	14.6	15.6	14.9	12.7	12.9	12.0	10.4	1984
1985	6.75	4.21	3 91	3.64	15.2	26 7	16.2	9 75	6.30	4 27	3.70	2.91	8.65	1985
1986	2.31	2.14	1.92	1.74	4.89	10.1	12.1	12.0	13.8	12.2	9 14	6.23	7.39	1986
MEAN	5.91	4.29	3.58	3.38	8.38	14.6	13 6	12.3	11.9	10 2	9.24	7.68	8.79	MEAN

LOCATION - LAT 61 48 57 N, LONG 107 52 11 W DRAINAGE AREA, 2 050 km^2 NATURAL FLOW

PORTER LAKE OUTFLOW - STATION NO. 07OD006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	14.4 AT 23 11 MST ON AUG 30	13.7 ON AUG 31	3.528 ON APR 29	275 000	1983
1984	16.8 AT 12 19 MST ON JUL 29	16.6 ON JUL 29	3 408 ON APR 13	328 000	1984
1985	28.1 AT 13 56 MST ON JUN 3 *	29.0 ON JUN 3 *	2 468 ON DEC 27	273 000	1985
1986	14.6 AT 13 43 MST ON SEP 18	14.5 ON SEP 18	1.688 ON APR 3 *	233 000	1986
				277 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

PORTER LAKE OUTFLOW ABOVE TALTSON RIVER - STATION NO 07ODOO5

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	---	---	6.70	5.64	6.90	7.07	5.89	---	---	1977
1978	3.25	2.75	2.43	2.38	4.59	9.08	10.4	8.54	6.40	5.24	4.48	3.94	5.30	1978
1979	---	---	---	---	---	---	11.2	8.76	6.31	4.82	4.25	4.01	---	1979
1980	3.85	3.27	2.40	2.25	4.34	4.85	4.40	3.79	4.08	4.81	5.51	4.23	3.98	1980
1981	3.17	2.81	2.80	2.97	5.96	9.81	15.5	16.6	13.8	10.8	7.87	5.76	8.28	1981
MEAN	3.42	2.94	2.54	2.53	4.97	7.91	9.84	8.67	7.50	6.55	5.60	4.49	5.85	MEAN

LOCATION - LAT 61 53 00 N DRAINAGE AREA, 2 060 km²
LONG 107 41 50 W NATURAL FLOW

PORTER LAKE OUTFLOW ABOVE TALTSON RIVER - STATION NO 07ODOO5

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1977	---	---	---	---	1977
1978	11.0 AT 17 50 MST ON JUL 12 *	11.0 ON JUL 11	2.388 ON MAR 25	167 000	1978
1979	---	---	---	---	1979
1980	---	5.798 ON NOV 5	2.008 ON APR 10 *	126 000	1980
1981	---	20.0 E ON JUL 19 *	2.788 ON FEB 21	261 000	1981
				185 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PRAIRIE CREEK AT CADILLAC MINE - STATION NO 10EC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	---	---	---	2.77	1.61	0.790	---	1974
1975	0.438	0.284	0.122	0.516	18.4	19.4	14.9	12.8	7.45	3.10	1.33	0.934	6.52	1975
1976	0.781	0.660	0.550	1.10	18.4	23.0	19.7	8.52	5.85	2.43	1.04	0.504	6.91	1976
1977	0.279	0.269	0.263	0.596	14.9	34.2 R	14.5	10.7	7.47	2.78	0.828	0.254	7.27R	1977
1978	0.230	0.170	0.167	0.376	7.84	11.9	10.8	6.27	3.66	1.57	0.851	0.629	3.71	1978
1979	0.375	0.241	0.237	0.325	10.4	24.4	14.2	8.89	5.08	2.04	1.07	0.556	5.87	1979
1980	0.319	0.182	0.061	1.05	8.84	7.26	9.62	7.95	6.83	5.61	1.30	1.04	4.17	1980
1981	0.528	0.357	0.310	0.383	13.7	13.4	5.96	5.12	8.06	2.75	1.62	1.30	4.47	1981
1982	0.773	0.387	0.240	0.536	9.73	19.2	7.51	8.27	6.44	2.32	1.25	1.05	4.82	1982
1983	0.782	0.550	0.397	0.272	7.86	15.8	8.23	16.8	6.03	1.54	0.859	0.480	5.09	1983
1984	0.145	0.048	0.064	0.861	8.52	13.6	13.8	8.88	5.48	2.69	0.903	0.535	4.85	1984
1985	0.206	0.070	0.038	0.078	13.1	12.7	11.5	7.22	5.43	2.84	2.32	1.84	4.81	1985
1986	1.23	0.868	0.661	0.526	15.0	24.4	16.1	10.3	8.75	3.93	1.32	1.04	6.87	1986
MEAN	0.508	0.337	0.269	0.550	12.0	18.3 R	12.3	9.32	6.21	2.80	1.25	0.841	5.41	MEAN

LOCATION - LAT 61 33 30 N DRAINAGE AREA, 495 km²
LONG 124 48 45 W NATURAL FLOW

R - REVISED SINCE JAN 1986

REMARKS - FLOWS ABOVE 40 m³/s WERE ESTIMATED AND SHOULD BE USED WITH DISCRETION

PRAIRIE CREEK AT CADILLAC MINE - STATION NO 10EC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1974	---	---	---	---	1974
1975	65.1RE AT 21 30 MST ON JUN 3	47.5E ON JUN 3	0.0918 ON APR 2	206 000	1975
1976	81.3RE AT 22 40 MST ON JUL 2	52.8E ON JUL 3	0.3918 ON DEC 31	219 000	1976
1977	187 RE ON JUN 3 *	127 RE ON JUN 3 *	0.3418 ON DEC 16	229 000R	1977
1978	41.1E AT 21 30 MST ON JUN 1	27.0 ON JUL 2	0.1598 ON FEB 16	117 000	1978
1979	81.6E AT 18 00 MST ON JUL 1	61.9E ON JUL 2	0.2158 ON MAR 3	178 000	1979
1980	27.1 AT 07 10 MST ON JUN 1	22.4 ON AUG 3	0.0298 ON MAR 10 *	132 000	1980
1981	---	40.0E ON JUN 8	0.3078 ON FEB 24	141 000	1981
1982	45.4E AT 21 48 MST ON MAY 29	35.1 ON JUN 2	0.1808 ON APR 7	152 000	1982
1983	65.3E AT 18 24 MST ON MAY 30	45.8E ON MAY 31	0.2508 ON APR 13	181 000	1983
1984	70.5E AT 13 13 MST ON JUN 19	61.9E ON JUN 19	0.0448 ON FEB 24	147 000	1984
1985	48.2E AT 21 07 MST ON JUN 1	30.9 ON JUL 15	0.0388 ON MAR 26	152 000	1985
1986	75.5E AT 01 23 MST ON MAY 21	58.1E ON MAY 27	0.4548 ON MAY 1	217 000	1986
				171 000R	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1 1986

PRINCE RIVER NEAR BAKER LAKE - STATION NO. 08MA005

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO DEC IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	0	0	0	0	1.81	61.2	31.0	13.5	5.73	0.073	0	0	14.1	1979
1980	0	0	0	0	0.002	27.1	37.8	26.5	33.5	2.65	0	0	15.9	1980
1981	---	---	0	0	0	35.5	57.9	15.4	8.72	5.02	---	---	---	1981
1982	---	---	0	0	0	26.8	44.5	25.3	35.2	---	---	---	---	1982
1983	---	---	---	---	0	50.7	46.2	24.1	24.3	18.3	4.21	0.340	20.9	1983
1984	---	---	---	---	0	53.2	42.1	19.8	24.2	3.77	1.22	0.160	17.9	1984
1985	---	---	---	---	0	75.3	52.2	38.0	45.5	11.7	0.342	0	27.7	1985
1986	---	---	---	---	1.29	76.3	75.3	21.2	12.8	4.02	0.366	0	23.8	1986
MEAN	0	0	0	0	0.388	50.8	48.4	23.0	23.7	5.50	1.02	0.083	20.1	MEAN

LOCATION - LAT 64 18 08 N, LONG 95 45 31 W. DRAINAGE AREA, 2 100 km². NATURAL FLOW

PRINCE RIVER NEAR BAKER LAKE - STATION NO. 08MA005

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO DEC FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1979	---	83.8E ON JUN 12	0B ON MAY 1 *	298 000	1979
1980	51.2 AT 19 54 CST ON JUN 17	59.1 ON JUN 18	0B ON MAY 1	336 000	1980
1981	95.9 AT 08 30 CST ON JUN 24	93.7 ON JUN 24	0B ON MAY 1	---	1981
1982	71.4 AT 11 05 CST ON JUN 24	70.3 ON JUN 25	0B ON MAY 1	---	1982
1983	---	170 B ON JUN 19 *	0B ON MAY 1	443 000	1983
1984	102 AT 04 00 CST ON JUN 17 *	98.3 ON JUN 17	0B ON MAY 1	380 000	1984
1985	---	140 B ON JUN 12	0B ON MAY 1	587 000	1985
1986	---	140 B ON JUN 19	0B ON MAY 1	505 000	1986
				425 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

QINGUO CREEK NEAR BAKER LAKE - STATION NO. 08MA002

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	0	0	0	0	---	---	---	3.70	1.41	0.148	0	0	---	1969
1970	0	0	0	0	0.008	14.2	3.85	6.10	8.04	0.275	0	0	5.36	1970
1971	0	0	0	0	0.342	17.4	3.49	0.889	0.511	0.427	0	0	3.79	1971
1972	0	0	0	0	0	15.5	7.76	1.54	2.71	0.451	0	0	4.61	1972
1973	0	0	0	0	8.05	11.4	1.15	0.345	6.52	3.18	0	0	5.07	1973
1974	0	0	0	0	4.48	9.98	3.76	3.91	0.876	0	0	0	3.82	1974
1975	0	0	0	0	1.44	36.1	1.28	1.67	3.19	0.234	0	0	7.18	1975
1976	0	0	0	0	0.031	37.3	9.78	0.619	0.301	0	0	0	7.88	1976
1977	0	0	0	0	0.708	9.07	3.01	0.639	2.08	1.54	0.023	0	2.81	1977
1978	0	0	0	0	0	12.4	8.33	2.01	0.150	0.003	0	0	3.79	1978
1981	---	---	0	0	0	11.4	5.25	0.789	0.272	0.123	---	---	2.94	1981
1982	---	---	0	0	0	7.36	6.92	2.56	4.60	0.663	0	0	3.66	1982
1983	---	---	---	---	0	---	3.48	1.33	2.62	1.40	0	---	---	1983
1984	---	---	---	---	---	6.44	4.80	1.73	3.74	0.281	0.016	---	---	1984
1985	---	---	---	---	0	15.2	6.93	4.85	8.21	0.928	0.021	---	5.98	1985
1986	---	---	---	---	0.019R	17.1 R	8.08R	1.12 R	0.963R	0.098R	0 R	---	4.52R	1986
MEAN	0	0	0	0	1.08 R	15.8 R	5.19R	2.11 R	2.89 R	0.609R	0.004R	0	4.72	MEAN

LOCATION - LAT 64 15 24 N, LONG 96 19 06 W. DRAINAGE AREA, 431 km². NATURAL FLOW

R - REVISED SINCE JAN 1986

QINGUO CREEK NEAR BAKER LAKE - STATION NO. 08MA002

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1969	---	---	---	---	1969
1970	---	30.0B ON JUN 5	0B ON MAY 1 *	85 100	1970
1971	---	39.9B ON JUN 7	0B ON MAY 1	60 300	1971
1972	---	55.2B ON JUN 25	0B ON MAY 1	73 300	1972
1973	---	51.0B ON MAY 28	0B ON MAY 1	80 600	1973
1974	---	28.3E ON MAY 31	0B ON MAY 1	60 800	1974
1975	---	90.3E ON JUN 10 *	0B ON MAY 1	114 000	1975
1976	---	83.3 ON JUN 15	0B ON MAY 1	125 000	1976
1977	---	20.8B ON JUN 15	0B ON MAY 1	44 700	1977
1978	---	53.5E ON JUN 22	0B ON MAY 1	60 300	1978
1981	---	39.5E ON JUN 20	0B ON MAY 1	46 700	1981
1982	29.4 AT 18 00 CST ON JUN 23	28.5 ON JUN 23	0B ON MAY 1	58 100	1982
1983	---	---	0B ON MAY 1	---	1983
1984	---	---	---	---	1984
1985	---	47.6A ON JUN 11	0B ON MAY 1	94 900	1985
1986	49.9R AT 01 02 CST ON JUL 1 *	40.7R ON JUN 30	0RB ON MAY 1	71 700R	1986
				75 000R	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1 1986

OUDICH RIVER ABOVE ST. CLAIR FALLS - STATION NO 06MB001

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR APR TO DEC IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	2.45	2.42	3.54	4.51	5.32	75.3	870	233	187	70.5	31.4	8.21	166	1972
1973	4.59	3.65	2.93	7.16	78.8	392	213	216	469	247	76.9	14.8	190	1973
1974	5.66	6.33	6.75	7.38	61.5	727	298	135	134	45.7	23.7	12.2	160	1974
1975	4.41	1.77	4.29	7.37	26.9	826	289	139	320	110	42.6	13.6	196	1975
1976	2.00	1.32	0.875	0.787	3.85	527	844	207	207	83.4	17.6	2.02	211	1976
1977	1.05	1.44	1.55	4.35	6.23	547	911	334	269	160	57.1	16.9	257	1977
1978	1.89	0.857	0.880	0.932	1.01	95.1	1 090	297	181	48.7	20.1	8.67	185	1978
1979	8.57	7.07	5.78	5.25	4.41	278	586	138	273	59.5	22.3	12.1	151	1979
1980	---	---	---	---	---	---	---	---	---	74.4	14.5	5.78	---	1980
1981	---	---	1.75	1.49	1.62	---	563	153	449	198	---	---	---	1981
1982	---	---	11.7	9.82	8.81	763	893	243	128	86.7	45.0	26.0	245	1982
1983	---	---	---	---	---	---	---	503	402	122	52.4	28.5	---	1983
1984	16.1	6.85	2.20	1.29	7.16	1 250	759	385	455	98.4	39.7	24.6	335	1984
1985	13.9	5.99	5.00	5.20	7.62	854	412	235	615	148	40.9	22.8	258	1985
1986	11.2	6.15	5.96	6.06	37.5	589	1 280	242	211	80.1	29.2	12.2	278	1986
MEAN	6.80	3.99	4.10	4.74	19.3	578	691	247	307	109	36.7	14.9	220	MEAN

LOCATION - LAT 64 18 22 N DRAINAGE AREA, 30 100 km²
LONG 83 55 02 W NATURAL FLOW

OUDICH RIVER ABOVE ST. CLAIR FALLS - STATION NO 06MB001

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO DEC FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	---	1 270E ON JUL 10	4.16 B ON APR 1	3 950 000	1972
1973	---	585 ON SEP 16	4.05 B ON APR 1	4 500 000	1973
1974	---	1 130E ON JUN 16	7.08 B ON APR 1	3 790 000	1974
1975	---	1 180E ON JUN 9	2.55 B ON DEC 31	4 650 000	1975
1976	---	1 480 ON JUN 29	0.623B ON MAY 8 *	5 010 000	1976
1977	---	1 900B ON JUN 29	1.70 B ON APR 1	6 100 000	1977
1978	---	1 670E ON JUL 8	0.906B ON APR 1	4 640 000	1978
1979	1 040 AT 17 03 CST ON JUN 30	1 030 ON JUN 30	3.66 B ON MAY 30	3 590 000	1979
1980	---	---	---	---	1980
1981	---	---	1.42 B ON APR 24	---	1981
1982	3 330 AT 04 56 CST ON JUN 26 *	3 180 ON JUN 26 *	8.78 B ON MAY 11	5 820 000	1982
1983	---	---	---	---	1983
1984	2 710 AT 20 39 CST ON JUN 22	2 690 ON JUN 23	1.00 B ON APR 1	7 950 000	1984
1985	2 680 AT 12 33 CST ON JUN 18	2 550 ON JUN 18	5.00 B ON APR 1	6 130 000	1985
1986	2 910 AT 13 40 CST ON JUN 29	2 880 ON JUL 2	5.95 B ON APR 1	6 810 000	1986
				5 230 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

RABBIT CREEK ABOVE FORT LIARD HIGHWAY - STATION NO 10ED006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	0.016	0.002	0	0.055	0.095	0.047	0.347	0.535	0.554	0.378	0.086	0.015	0.178	1984
1985	0.003	0	0.001	0.018	3.02	0.447	0.280	0.192	0.168	0.169	0.067	0.012	0.369	1985
1986	0.008	0.002	0.005	0.084	2.99	---	---	0.296	1.34	1.00	0.188	0.025	---	1986
MEAN	0.008	0.001	0.002	0.046	2.04	0.247	0.314	0.341	0.687	0.516	0.107	0.017	0.274	MEAN

LOCATION - LAT 60 28 04 N DRAINAGE AREA, 89.6 km²
LONG 123 21 19 W NATURAL FLOW

RABBIT CREEK ABOVE FORT LIARD HIGHWAY - STATION NO. 10ED006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1984	2.67 AT 12:40 MST ON AUG 9 *	2.54 ON AUG 9	0B ON FEB 13 *	5 840	1984
1985	---	7.90 ON MAY 8 *	0B ON JAN 19	11 700	1985
1986	---	6.73 ON SEP 26	0B ON JAN 31	---	1986
				8 870	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

RABBIT CREEK AT FORT LIARD HIGHWAY - STATION NO. 10ED004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	0.008	0.008	0.008	0.258	1.05	0.766	0.137	0.078	0.050	0.087	0.021	0.011	0.207	1978
1979	0.005	0.003	0.001	0.249	4.01	1.47	0.377	0.209	0.367	0.168	0.039	0.002	0.580	1979
1980	0.001	0.001	0.001	0.512	0.094	0.012	0.712	0.057	0.555	0.406	0.116	0.011	0.207	1980
1981	0.010	0.005	0.002	0.033	3.32	1.40	0.036	0.006	0.007	0.076	0.044	0.031	0.417	1981
1982	0.007	0.004	0.003	0.136	9.31	0.253	0.016	0.023	0.055	0.121	0.010	0.005	0.843	1982
1983	0.003	0.001	0.001	0.467	2.19	0.297	0.009	0.010	0.025	0.017	0.010	0.013	0.256	1983
MEAN	0.006	0.004	0.003	0.276	3.33	0.700	0.215	0.064	0.177	0.146	0.040	0.012	0.418	MEAN

LOCATION - LAT 60 27 42 N DRAINAGE AREA, 105 km²
LONG 123 24 50 W NATURAL FLOW

RABBIT CREEK AT FORT LIARD HIGHWAY - STATION NO. 10ED004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	4.19B AT 22:20 MST ON APR 30	4.05 ON MAY 30	0.008B ON JAN 1	6 540	1978
1979	14.0 AT 10:00 MST ON MAY 27	13.1 ON MAY 27	0 B ON MAR 21 *	18 200	1979
1980	4.82 AT 13:40 MST ON JUL 16	4.49 ON JUL 16	0 ON JUN 15	6 550	1980
1981	11.9 B AT 23:24 MST ON MAY 6	10.1 B ON MAY 7	0 ON AUG 9	13 200	1981
1982	28.1 AT 04:23 MST ON MAY 19 *	24.4 ON MAY 19 *	0 ON JUL 31	26 600	1982
1983	---	4.65B ON MAY 5	0 ON JUL 18	8 060	1983
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		13 200	MEAN

RAMPARTS RIVER NEAR FORT GOOD HOPE - STATION NO. 10KD004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1985	2.98	2.16	1.49	1.40	153	120	41.1	29.0	58.6	23.7	4.85	3.21	37.0	1985
1986	2.43	1.98	1.72	1.61	107	147	33.5	105	54.7	16.5	7.41	4.42	40.5	1986
MEAN	2.71	2.07	1.61	1.51	130	134	37.3	67.0	56.7	20.1	6.13	3.82	38.8	MEAN

LOCATION - LAT 66 07 00 N DRAINAGE AREA, 7 410 km²
LONG 129 16 16 W NATURAL FLOW

RAMPARTS RIVER NEAR FORT GOOD HOPE - STATION NO. 10KD004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1985	---	5388 ON MAY 24 *	1 208 ON APR 10 *	1 170 000	1985
1986	437 AT 12:56 MST ON AUG 17 *	421 ON AUG 17	1 608 ON APR 16	1 280 000	1986
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 230 000	MEAN

RAT RIVER NEAR FORT MCPHERSON - STATION NO. 10MC007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	0	0	0	0	30.3	31.2	54.4	---	---	---	1.03	0.380	---	1981
1982	0.046	0	0	0	2.71	---	---	---	---	2.92	0.473	0.021	---	1982
1983	0	0	0	0	7.63	32.4	8.89	7.05	6.81	2.71	1.13	0.354	5.59	1983
1984	0	0	0	0	21.2	32.1	26.9	26.8	5.02	0.768	0.117	0.002	9.47	1984
1985	0	0	0	0	6.29	31.7	17.2	8.15	11.9	2.62	0.627	0.039	6.55	1985
1986	0	0	0	0	2.65	48.8	12.7	21.9	10.5	3.14	0.986	0.004	8.38	1986
MEAN	0.008	0	0	0	11.8	35.2	24.0	16.0	8.56	2.43	0.727	0.135	7.50	MEAN

LOCATION - LAT 67 40 37 N DRAINAGE AREA, 1 280 km²
LONG 135 43 05 W NATURAL FLOW

RAT RIVER NEAR FORT MCPHERSON - STATION NO. 10MC007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	186 AT 20:20 MST ON JUL 22	137 ON JUL 22	0B ON JAN 1 *	---	1981
1982	---	---	0B ON JAN 15	---	1982
1983	---	88.0B ON MAY 31	0B ON JAN 1	175 000	1983
1984	171 AT 19:58 MST ON JUL 21	152 ON JUL 21 *	0B ON JAN 1	299 000	1984
1985	151 AT 03:25 MST ON JUN 2	119 ON JUN 1	0B ON JAN 1	206 000	1985
1986	177 AT 04:36 MST ON JUN 7 *	148 ON JUN 7	0B ON JAN 1	284 000	1986
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		236 000	MEAN

REDSTONE RIVER 63 km ABOVE MOUTH - STATION NO. 10MB005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	17.6	15.7	15.2	27.3	113	564	586	512	289	108	48.0	34.2	195	1984
1985	28.2	25.0	22.7	24.4	317	627	648	376	192	112	57.7	41.1	207	1985
1986	33.2	29.3	25.4	23.4	293	567	642	516	234	84.9	41.6	31.9	212	1986
MEAN	26.3	23.3	21.1	25.0	241	586	625	466	238	102	49.1	35.7	205	MEAN

LOCATION - LAT 63 55 32 N LONG 125 18 02 W DRAINAGE AREA 15 400 km²
NATURAL FLOW

REDSTONE RIVER 63 km ABOVE MOUTH - STATION NO. 10MB005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1984	2 410 AT 02 40 MST ON JUN 29 *	1 950 ON JUN 29 *	15.18 ON MAR 11 *	6 150 000	1984
1985	1 340 AT 02 33 MST ON JUN 7	1 230 ON JUN 2	22.08 ON MAR 31	6 550 000	1985
1986	1 510 AT 11 31 MST ON JUN 25	1 380 ON JUN 25	22.88 ON APR 20	6 670 000	1986
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		6 460 000	MEAN

REDSTONE RIVER NEAR THE MOUTH - STATION NO. 10MB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	---	---	---	---	---	---	---	---	---	124	49.1	51.3	---	1963
1964	38.0	27.4	25.8	21.4	---	---	---	---	---	94.6	---	---	---	1964
1965	---	---	---	---	---	295	369	197	153	---	---	---	---	1965
1966	---	---	---	---	---	---	---	---	201	---	---	---	---	1966
1967	---	---	---	---	---	---	---	---	197	---	---	---	---	1967
1968	---	---	---	---	---	435	545	330	308	---	---	---	---	1968
1969	---	15.6	14.2	36.4	117	263	---	---	---	---	---	---	---	1969
1970	---	---	---	---	---	274	---	---	263	---	---	---	---	1970
1971	---	---	---	---	---	---	449	351	173	93.5	47.8	24.0	---	1971
1972	12.5	11.3	12.0	---	---	---	---	---	171	84.6	48.4	31.0	---	1972
1973	16.9	13.3	14.0	---	---	---	---	---	---	122	79.1	38.5	---	1973
1974	17.4	13.3	12.8	---	---	---	---	---	---	---	---	32.0	---	1974
1975	13.7	10.7	---	---	---	341	---	---	---	---	---	---	---	1975
1976	17.4	16.9	16.5	---	---	494	514	---	151	77.1	31.0	23.9	---	1976
1977	20.1	15.4	13.1	---	---	---	---	---	---	---	---	17.9	---	1977
1978	10.9	13.6	14.5	16.0	123	504	---	---	132	71.6	46.5	32.0	---	1978
1979	20.7	11.1	11.5	16.4	222	412	---	401	174	78.0	32.5	23.7	---	1979
1980	20.0	16.6	13.6	12.2	91.8	236	474	387	207	80.7	28.0	17.2	133	1980
1981	---	---	---	---	---	240	252	175	103	60.8	41.6	38.3	---	1981
1982	24.9	15.8	10.5	15.7	327	772	520	650	334	87.5	41.7	33.6	237	1982
1983	28.8	26.4	26.0	44.3	329	564	406	423	173	85.5	30.9	21.5	181	1983
MEAN	20.1	16.0	15.4	23.2	202	403	441	364	196	88.3	43.5	29.8	184	MEAN

LOCATION - LAT 64 10 56 N LONG 124 39 52 W DRAINAGE AREA 15 700 km²
NATURAL FLOW

REDSTONE RIVER NEAR THE MOUTH - STATION NO. 10MB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1963	---	---	---	---	1963
1964	---	---	20.08 ON APR 22	---	1964
1965	---	527 ON JUL 17	---	---	1965
1966	---	---	---	---	1966
1967	---	---	---	---	1967
1968	1 700 ON JUL 7	1 340 ON JUL 7	---	---	1968
1969	---	---	---	---	1969
1970	---	---	---	---	1970
1971	---	---	---	---	1971
1972	---	---	10.98 ON JAN 25	---	1972
1973	---	---	---	---	1973
1974	---	---	---	---	1974
1975	---	---	---	---	1975
1976	---	926 ON MAY 27	---	---	1976
1977	---	---	---	---	1977
1978	1 080E ON JUL 2	991E ON JUL 2	10.08 ON JAN 15 *	---	1978
1979	---	---	---	---	1979
1980	1 620 AT 23 00 MST ON JUL 20	1 420 ON JUL 21	11.58 ON APR 12	4 200 000	1980
1981	568 AT 01 55 MST ON JUN 2	464 ON JUN 2	---	---	1981
1982	2 740 AT 19 14 MST ON AUG 12 *	2 420 ON AUG 12 *	10.08 ON MAR 16	7 480 000	1982
1983	1 620 AT 18 18 MST ON AUG 2	1 500E ON JUN 1	19.98 ON DEC 31	5 700 000	1983
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		5 780 000	MEAN

NORTHWEST TERRITORIES

RENGLENG RIVER BELOW DEMPSTER HIGHWAY - STATION NO. 10LC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	---	---	21.0	2.84	2.07	2.33	1.45	0.626	0.186	---	1973
1974	0.029	0.010	0	0.332	2.29	3.47	3.70	0.906	0.896	0.550	0.296	0.158	1.04	1974
1975	0.015	0	0	---	---	24.0	2.60	0.820	0.814	0.402	0.086	0	---	1975
1976	0	0	0	0	5.75	9.89	1.98	16.2	8.26	2.80	1.00	0.248	3.85	1976
1978	0.052	0.004	0	0	0.685	22.0	10.1	2.20	2.13	1.89	0.974	0.263	3.36	1978
1979	0	0	0	0.038	10.2	8.87	3.10	0.987	3.23	2.83	1.01	0.368	2.56	1979
1980	0	0	0	0	35.2	39.4	2.30	0.844	0.857	0.628	0.405	0.212	6.74	1980
1981	0	0	0	0.073	12.2	9.11	4.86	3.38	2.01	1.83	0.801	0.362	2.91	1981
1982	0.045	0	0	0	5.82	23.1	15.6	1.91	0.699	0.372	0.150	0.095	3.99	1982
1983	0	0	0	0	0.330	11.4	1.12	0.277	0.096	0.192	0.185	0.024	1.13	1983
1984	0	0	0	0	12.3	10.0	1.23	0.757	0.981	0.481	0.108	0.012	2.16	1984
1985	0	0	0	0	7.55	5.08	1.00	0.211	0.144	0.048	0	0	1.26	1985
1986	0	0	0	0	0.045	4.08	0.878	0.133	0.376	0.117	0.030	0.004	0.452	1986
MEAN	0.012	0.001	0	0.040	8.50	14.8	3.93	2.36	1.72	1.05	0.418	0.140	2.88	MEAN

LOCATION - LAT 67 45 22 N DRAINAGE AREA, 1 310 km²
LONG 133 50 40 W NATURAL FLOW

RENGLENG RIVER BELOW DEMPSTER HIGHWAY - STATION NO. 10LC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1973	---	---	---	---	1973
1974	---	7.118 ON MAY 29	0B ON FEB 20 *	32 900	1974
1975	---	---	0B ON JAN 14	---	1975
1976	---	34.0 ON AUG 17	0B ON JAN 1	122 000	1976
1978	81.4A AT 10:50 MST ON JUN 3	50.1 A ON JUN 3	0B ON FEB 10	105 000	1978
1979	23.4 AT 18:00 MST ON MAY 20	21.9 ON MAY 21	0B ON JAN 1	80 900	1979
1980	230 AT 03:00 MST ON MAY 27 *	205 ON MAY 28 *	0B ON JAN 1	213 000	1980
1981	---	21.0 ON MAY 18	0B ON JAN 1	91 900	1981
1982	---	59.3 ON MAY 30	0B ON JAN 14	126 000	1982
1983	28.4 AT 13:36 MST ON JUN 2	27.5 ON JUN 2	0B ON JAN 1	35 500	1983
1984	---	39.5 B ON MAY 22	0B ON JAN 1	68 400	1984
1985	---	30.0 B ON MAY 25	0B ON JAN 1	39 700	1985
1986	---	7.48E ON JUN 7	0B ON JAN 1	14 300	1986
				84 500	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ROOT RIVER NEAR THE MOUTH - STATION NO. 10GA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	---	---	---	68.2	25.8	18.3	---	1974
1975	12.4	9.50	8.57	15.3	198	280 R	206	267 R	129	109	29.4	13.2	107 R	1975
1976	12.3	10.4	8.83	42.8	451 R	146	158	141	103	73.9	17.5	9.47	98.8R	1976
1977	8.51	8.48	7.99	9.25	121	153	145	79.3	65.2	39.8	13.2	6.24	55.1	1977
1978	5.63	5.44	4.89	6.34	126	200	292	106	56.5	37.2	18.6	11.1	73.0	1978
1979	8.23	4.45	2.51	2.60	210	133	196	181	88.9	50.8	10.6	4.10	73.5	1979
1980	3.31	4.46	6.67	51.7	123	70.0	127	143	90.8	51.6	22.2	10.1	58.9	1980
1981	8.73	8.24	8.03	15.6	163	105	138	84.7	56.6	52.2	24.4	17.1	55.8	1981
1982	8.82	8.56	8.64	9.15	368	410	249	401	286	105	34.5	25.5	181	1982
1983	14.2	11.4	10.9	13.8	227	217	102	209	72.3	38.0	18.2	13.1	79.5	1983
1984	8.66	8.47	8.99	14.6	74.7	223	253	202	203	68.1	21.9	15.8	91.8	1984
1985	15.0	13.9	10.8	8.42	361	336	245	167	96.3	54.8	22.8	20.8	113	1985
1986	18.1	14.8	12.4	17.4	386	365	248	307	148	69.5	38.1	23.6	137	1986
MEAN	10.3	8.84	8.02	17.6	234 R	220 R	197	187 R	116	62.8	22.1	14.5	92.0	MEAN

LOCATION - LAT 62 28 34 N DRAINAGE AREA, 9 820 km²
LONG 123 25 49 W NATURAL FLOW

R - REVISED SINCE JAN 1986

REMARKS - FLOWS ABOVE 1000 m^3/s WERE ESTIMATED AND SHOULD BE USED WITH DISCRETION

ROOT RIVER NEAR THE MOUTH - STATION NO. 10GA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	---	900RE ON AUG 8	8.308 ON MAR 30	3 390 000R	1975
1976	---	1 300RE ON MAY 27	8.359 ON DEC 30	3 120 000R	1976
1977	595 AT 03:50 MST ON JUN 30	521 ON JUN 30	9.758 ON DEC 29	1 740 000	1977
1978	1 580E AT 08:10 MST ON JUL 25	1 220E ON JUL 25	4.938 ON APR 4	2 300 000	1978
1979	1 550E AT 18:50 MST ON JUL 2	994A ON JUL 2	2.308 ON APR 3 *	2 320 000	1979
1980	785 AT 05:30 MST ON AUG 4	641 ON AUG 4	3.208 ON JAN 10	1 880 000	1980
1981	---	330A ON JUL 23	8.008 ON MAR 11	1 750 000	1981
1982	2 400E AT 04:07 MST ON AUG 13	1 970E ON AUG 13	8.908 ON FEB 11	5 080 000	1982
1983	1 360E AT 15:20 MST ON AUG 2	831 ON AUG 2	10.2 B ON APR 20	3 510 000	1983
1984	1 180E AT 12:27 MST ON JUN 20	954 ON JUN 20	9.958 ON MAR 20	2 900 000	1984
1985	2 240E AT 04:25 MST ON MAY 22	1 590E ON MAY 22	7.50B ON APR 12	3 580 000	1985
1986	2 860E AT 06:36 MST ON JUN 26 *	2 240E ON JUN 26 *	12.0 B ON MAR 26	4 330 000	1986
				2 910 000R	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1 1986

SAHNDAA CREEK AT WRIGLEY HIGHWAY - STATION NO. 10GC005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	0.004	0.001	0	0.013	15.2	7.44	2.80	11.6	8.14	1.88	0.494	0.034	3.98	1982
1983	0	0.005	0.010	0.286	10.4	2.94	0.152	0.231	0.044	0.048	0.004	0	1.19	1983
1984	0	0	0	0.353	1.77	0.483	3.01	1.79	2.10	0.788	0.015	0.001	0.885	1984
1985	0	0	0	0	10.7	1.70	3.43	1.31	0.267	0.211	0.027	0.001	1.49	1985
1986	0	0	0	0	9.52	3.81	4.15	5.21	1.92	1.48	0.194	0	2.32	1986
MEAN	0.001	0.001	0.002	0.130	9.52	3.27	2.57	4.03	2.49	0.881	0.147	0.007	1.95	MEAN

LOCATION - LAT 62 03 43 N
LONG 122 12 36 W
DRAINAGE AREA, 251 km^2
NATURAL FLOW

SAHNDAA CREEK AT WRIGLEY HIGHWAY - STATION NO. 10GC005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	---	39.7 ON SEP 10 *	0B ON MAR 6 *	125 000	1982
1983	25.9 AT 21:26 MST ON MAY 29	24.9 ON MAY 29	0B ON JAN 1	37 600	1983
1984	17.6 AT 13:02 MST ON JUL 3	16.7 ON JUL 3	0B ON JAN 1	27 300	1984
1985	28.8 AT 00:00 MST ON MAY 15	28.1 ON MAY 15	0B ON JAN 1	47 100	1985
1986	29.78 AT 21:55 MST ON MAY 10 *	27.6 ON MAY 11	0B ON JAN 1	59 800	1986
				61 400	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SAOYAOJUAC RIVER ABOVE SAOYAOJUAC INLET - STATION NO. 08GA005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	---	---	3.41	---	---	---	---	---	1978
1979	---	---	---	---	---	---	---	---	---	---	---	---	---	1979
1980	---	---	---	---	---	---	16.8	8.39	---	---	---	---	---	1980
1981	---	---	---	---	---	28.3	12.6	3.08	---	---	---	---	---	1981
MEAN	---	---	---	---	---	28.3	14.7	4.59	---	---	---	---	---	MEAN

LOCATION - LAT 63 42 02 N
LONG 90 37 12 W
DRAINAGE AREA, 607 km^2
NATURAL FLOW

DATA CONTRIBUTED BY - FRESHWATER INSTITUTE (DFO) (CANADA)

SAOYAOJUAC RIVER ABOVE SAOYAOJUAC INLET - STATION NO. 08GA005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	---	---	---	---	1978
1979	---	37.1 ON JUN 6	0A ON MAY 20 *	---	1979
1980	---	43.2 ON SEP 12	0 ON MAY 21	---	1980
1981	85.4 AT 23:00 CST ON JUN 18 *	79.4A ON JUN 18 *	0 ON JUN 1	---	1981
				---	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX)
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORTHWEST TERRITORIES

SEEPAGE CREEK AT NORMAN WELLS - STATION NO. 10XA005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	0.082	0.886	0.150	---	---	---	---	1974
1975	0	0	0	0	1.41	0.116	0.015	0	0	0	0	0	0.130	1975
1976	0	0	0	0.034	0.377	0.142	0.005	0	0	0	0	0	0.047	1976
1977	0	0	0	0.005	0.503	0.014	0.001	0	0	0	0	0	0.044	1977
1978	0	0	0	0	0.024	0.099	0.036	0.003	0.003	0.001	0	0	0.014	1978
MEAN	0	0	0	0.010	0.579	0.093	0.030	0.134	0.030	0	0	0	0.089	MEAN

LOCATION - LAT 65 15 50 N DRAINAGE AREA, 30.8 km²
LONG 126 43 20 W NATURAL FLOW

SEEPAGE CREEK AT NORMAN WELLS - STATION NO. 10XA005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1974	---	---	---	---	1974
1975	12.2 AT 18 00 MST ON MAY 5 *	8.47 ON MAY 6 *	00 ON JAN 1 *	4 110	1975
1976	---	0.597 ON MAY 10	00 ON JAN 1	1 480	1976
1977	---	1.49 B ON MAY 6	00 ON JAN 1	1 400	1977
1978	0.235 AT 14 10 MST ON JUN 11	0.227 ON JUN 11	00 ON JAN 1	433	1978
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 890	MEAN

SILVERBERRY RIVER NEAR LITTLE DAL LAKE - STATION NO. 10HB004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	---	---	---	---	10.1 B	1.95 B	0.3880	---	1980
1982	0.859	0.634	0.474	0.521	9.36	98.2	79.2	70.2	30.2	6.52	3.00	2.82	36.3	1982
1983	2.45	2.06	1.74	1.66	10.8	82.0	85.0	58.5	16.4	3.53	0.760	0.653	30.6	1983
1984	0.375	0.148	0.072	1.15	7.06	72.8	74.1	41.2	17.3	5.64	2.19	1.15	18.8	1984
1985	0.886	0.581	0.581	0.674	6.35	56.7	101	40.4	14.6	4.23	2.37	1.90	19.3	1985
1986	1.20	0.372	0.103	0.516	7.43	79.9	97.8	36.3	16.2	5.87	2.55	2.14	31.1	1986
MEAN	1.11	0.755	0.590	0.963	8.18	77.9	83.4	49.3	19.3	5.958	2.07 B	1.91 B	31.0	MEAN

LOCATION - LAT 62 45 55 N DRAINAGE AREA, 1 430 km²
LONG 126 41 32 W NATURAL FLOW

B - REVISED SINCE JAN 1988

SILVERBERRY RIVER NEAR LITTLE DAL LAKE - STATION NO. 10HB004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1980	---	---	---	---	1980
1982	234 AT 05 11 MST ON JUN 20	193 ON JUN 20	0.4508 ON MAR 15	797 000	1982
1983	192 AT 00 16 MST ON JUN 2	183 ON JUN 1	0.6008 ON DEC 22	963 000	1983
1984	181 AT 05 12 MST ON JUN 29	147 ON JUN 28	0.0508 ON MAR 15 *	588 000	1984
1985	283 AT 09 32 MST ON JUL 5 *	210 ON JUL 5 *	0.5008 ON FEB 28	808 000	1985
1986	---	195 ON JUL 22	0.0828 ON FEB 26	985 000	1986
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		881 000	MEAN

SIURAO CREEK NEAR OUTLET TO KAZAN RIVER - STATION NO. 06LC003

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	---	---	---	---	---	34.5	6.66	1.07	0.763	0.317	0	0	---	1979
1980	0	0	0	0	16.9	10.2	3.19	3.57	12.5	0.660	0.185	---	7.65	1980
1981	---	---	0	0	---	---	---	6.00	6.06	2.57	0.883	---	---	1981
1982	---	---	0	0	0	17.6	7.66	1.21	10.0	6.99	0.143	---	7.20	1982
1983	---	---	---	---	0	---	6.13	9.15	18.0	8.02	---	---	---	1983
1984	0	0	0	0	0.045	89.3	13.8	8.88	24.6	5.00	0.401	0	23.1	1984
1985	0	0	0	0	0.100	55.0	17.5	10.2	5.32	3.78	0.783	0.111	17.0	1985
1986	---	---	---	---	9.83	50.6	9.04	2.15	3.26	0.974	0.137	0.004	12.0	1986
MEAN	0	0	0	0	4.16	44.7	9.15	5.03	9.76	3.61	0.356	0.029	13.4	MEAN

LOCATION - LAT 62 38 08 N DRAINAGE AREA, 1 480 km²
LONG 98 31 32 W NATURAL FLOW

SIGRAG CREEK NEAR OUTLET TO KAZAN RIVER - STATION NO. 08LC003

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1979	---	---	---	---	1979
1980	34.5 AT 08 00 CST ON MAY 08	33.8 ON MAY 14	0.0508 ON MAY 1	122 000	1980
1981	---	---	0 B ON MAY 1 *	---	1981
1982	37.8 AT 20 45 CST ON JUN 18 *	36.9 ON JUN 14	0 B ON MAY 1	115 000	1982
1983	---	---	0 B ON MAY 1	---	1983
1984	---	300 B ON JUN 8 *	0 B ON MAY 1	387 000	1984
1985	---	270 B ON JUN 12	0 B ON MAY 1	270 000	1985
1986	---	180 B ON JUN 2	0 B ON MAY 1	191 000	1986
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		213 000	MEAN

SLAVE RIVER (EAST CHANNEL) NEAR FORT RESOLUTION - STATION NO. 07NC008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	8.61	4.50	1.95	5.36	40.3	36.2	35.9	32.4	31.1	32.9	27.9	15.9	22.9	1980
MEAN	8.61	4.50	1.95	5.36	40.3	36.2	35.9	32.4	31.1	32.9	27.9	15.9	22.9	MEAN

LOCATION - LAT 61 17 55 N
LONG 113 38 10 W REGULATED SINCE 1968

REMARKS - DISCHARGES WERE ADJUSTED FOR SOME PERIODS DURING OPEN WATER TO COMPENSATE FOR BACKWATER DUE TO WIND

SLAVE RIVER (EAST CHANNEL) NEAR FORT RESOLUTION - STATION NO. 07NC008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	51.08 ON MAY 1 *	1.708 ON MAR 28 *	724 000	1980
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		724 000	MEAN

SLAVE RIVER (MIDDLE CHANNEL EAST) NEAR FORT RESOLUTION - STATION NO. 07NC007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	10.5	5.55	3.05	4.97	32.7	28.8	26.7	23.4	25.4	29.0	25.1	14.7	19.2	1980
MEAN	10.5	5.55	3.05	4.97	32.7	28.8	26.7	23.4	25.4	29.0	25.1	14.7	19.2	MEAN

LOCATION - LAT 61 17 35 N
LONG 113 38 10 W REGULATED SINCE 1968

REMARKS - DISCHARGES WERE ADJUSTED FOR SOME PERIODS DURING OPEN WATER TO COMPENSATE FOR BACKWATER DUE TO WIND

SLAVE RIVER (MIDDLE CHANNEL EAST) NEAR FORT RESOLUTION - STATION NO. 07NC007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	42.18 ON MAY 1 *	3.668 ON MAR 19 *	607 000	1980
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		607 000	MEAN

SLAVE RIVER (MIDDLE CHANNEL WEST) NEAR FORT RESOLUTION - STATION NO. 07NC006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	125	105	81.9	96.4	161	141	142	138	153	174	155	116	132	1980
MEAN	125	105	81.9	96.4	161	141	142	138	153	174	155	116	132	MEAN

LOCATION - LAT 61 16 20 N
LONG 113 40 00 W REGULATED SINCE 1968

REMARKS - DISCHARGES WERE ADJUSTED FOR SOME PERIODS DURING OPEN WATER TO COMPENSATE FOR BACKWATER DUE TO WIND

SLAVE RIVER (MIDDLE CHANNEL WEST) NEAR FORT RESOLUTION - STATION NO. 07NC005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	2568 ON APR 30 *	76.08 ON MAR 24 *	4 170 000	1980
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		4 170 000	MEAN

SLAVE RIVER (OLD STEAMBOAT CHANNEL) NEAR FORT RESOLUTION - STATION NO. 07NC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	20.0	17.6	15.3	21.5	37.4	36.5	41.1	43.5	53.9	64.7	45.5	23.4	35.1	1980
MEAN	20.0	17.6	15.3	21.5	37.4	36.5	41.1	43.5	53.9	64.7	45.5	23.4	35.1	MEAN

LOCATION - LAT 61 15 00 N
LONG 113 37 24 W REGULATED SINCE 1968

REMARKS - DISCHARGES WERE ADJUSTED FOR SOME PERIODS DURING OPEN WATER TO COMPENSATE FOR BACKWATER DUE TO WIND

SLAVE RIVER (OLD STEAMBOAT CHANNEL) NEAR FORT RESOLUTION - STATION NO. 07NC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	68.5 ON OCT 19 *	11.18 ON MAR 27 *	1 110 000	1980
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 110 000	MEAN

SLAVE RIVER (RESDELTA CHANNEL) NEAR FORT RESOLUTION - STATION NO. 07NC009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	1 790	1 830	1 720	1 700	2 600	2 950	3 120	2 710	2 570	2 490	2 010	1 380	2 240	1980
MEAN	1 790	1 830	1 720	1 700	2 600	2 950	3 120	2 710	2 570	2 490	2 010	1 360	2 240	MEAN

LOCATION - LAT 61 17 05 N
LONG 113 34 55 W REGULATED SINCE 1968

REMARKS - DISCHARGES WERE ADJUSTED FOR SOME PERIODS DURING OPEN WATER TO COMPENSATE FOR BACKWATER DUE TO WIND

SLAVE RIVER (RESDELTA CHANNEL) NEAR FORT RESOLUTION - STATION NO. 07NC009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	3 430 ON JUL 5 *	1 110B ON DEC 15 *	70 800 000	1980
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		70 800 000	MEAN

SLAVE RIVER (WEST CHANNEL) NEAR FORT RESOLUTION - STATION NO. 07NC005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	23.4	20.4	16.8	26.8	54.3	50.8	52.5	50.7	49.8	50.1	45.0	34.1	39.8	1980
MEAN	23.4	20.4	16.8	26.8	54.3	50.8	52.5	50.7	49.8	50.1	45.0	34.1	39.8	MEAN

LOCATION - LAT 61 15 50 N
LONG 113 37 10 W REGULATED SINCE 1968

REMARKS - DISCHARGES WERE ADJUSTED FOR SOME PERIODS DURING OPEN WATER TO COMPENSATE FOR BACKWATER DUE TO WIND

SLAVE RIVER (WEST CHANNEL) NEAR FORT RESOLUTION - STATION NO. 07NC005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	94.8E ON MAY 1 *	16.1B ON MAR 23 *	1 250 000	1980
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 250 000	MEAN

SLOAN RIVER NEAR THE MOUTH - STATION NO. 10JE001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	---	---	---	---	4.65	3.84	---	---	---	1976
1977	---	---	---	---	---	---	21.4	8.73	5.40	4.62	3.58	1.71	---	1977
1978	0.562	0.349	0.002	0.007	3.63	---	30.6	11.6	5.41	4.86	2.94	0.925	---	1978
1979	0.081	0	0	0	6.31	41.7	21.0	9.63	5.56	3.91	2.84	1.29	7.71	1979
1980	0.542	0.424	0.316	0.159	24.7	78.2	19.2	9.24	5.43	4.28	2.81	1.41	12.2	1980
1981	---	---	---	---	---	69.2	40.1	19.1	15.1	24.6	10.4	4.89	---	1981
1982	3.05	2.43	1.02	0.043	6.65	84.3	43.2	13.7	7.68	5.08	3.01	1.86	14.3	1982
1983	1.21	0.859	0.684	0.574	0.779	101	62.5	21.4	30.4	31.1	18.4	7.28	22.9	1983
1984	3.92	2.63	1.80	1.11	12.0	86.9	32.6	17.5	16.2	10.0	5.57	3.25	16.1	1984
1985	2.02	0.989	0.114	0	5.51	33.7	17.5	13.3	11.2	7.24	3.78	1.90	8.12	1985
1986	0.528	0	0	0.095	7.27	89.3	49.1	13.5	6.44	4.51	3.42	2.17	14.7	1986
MEAN	1.54	0.950	0.465	0.249	8.36	73.0	33.7	13.8	10.6	9.46	5.48	2.67	13.7	MEAN

LOCATION - LAT 66 31 19 N DRAINAGE AREA, 2 040 km²
LONG 117 16 26 W NATURAL FLOW

SLOAN RIVER NEAR THE MOUTH - STATION NO. 10JE001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1976	---	---	---	---	1976
1977	---	---	---	---	1977
1978	49.0 AT 23 50 MST ON JUN 24	48.4 ON JUN 24	0 B ON MAR 5 *	---	1978
1979	50.5 AT 14 30 MST ON JUN 13	49.8 ON JUN 13	0 B ON JAN 15	243 000	1979
1980	117 AT 02 55 MST ON JUN 5	117 ON JUN 5	0 1410 ON APR 17	386 000	1980
1981	---	80.3 ON JUN 11	---	---	1981
1982	113 AT 18 05 MST ON JUN 20	107 ON JUN 21	0 B ON APR 18	453 000	1982
1983	198 AT 04 53 MST ON JUN 24 *	197 ON JUN 24 *	0 5508 ON MAY 2	721 000	1983
1984	123 AT 20 30 MST ON JUN 13	122 ON JUN 13	1 01 B ON APR 12	508 000	1984
1985	39.5 AT 16 28 MST ON JUN 7	36.5 ON JUN 7	0 B ON MAR 15	256 000	1985
1986	114 AT 11 46 MST ON JUN 15	113 ON JUN 15	0 B ON JAN 31	464 000	1986
	B : ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD			433 000	MEAN

SNARE RIVER AT BIGSPRUCE LAKE - STATION NO. 07SA003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1949	---	---	---	---	---	---	---	---	---	34.5	26.1	20.9	---	1949
1950	19.7	20.8	17.7	17.3	30.8	27.1	28.1	43.8	56.4	38.4	30.8	26.1	29.8	1950
1951	23.0	22.3	19.5	16.5	26.1	33.0	84.6	75.7	53.2	35.4	29.2	25.7	37.2	1951
1952	25.8	23.0	20.3	22.7	47.6	93.8	87.7	51.1	47.2	48.2	40.5	37.0	45.5	1952
1953	31.7	27.6	23.7	21.0	25.5	34.0	87.8	83.2	60.6	51.2	84.3	52.8	43.7	1953
1954	41.1	32.3	28.2	23.2	31.3	36.1	84.5	58.7	41.8	36.0	39.5	41.8	39.6	1954
1955	35.1	33.1	28.5	24.4	38.0	147	148	84.1	54.8	43.8	36.7	33.4	59.1	1955
1956	28.5	25.9	21.8	18.8	20.2	25.3	43.7	56.3	52.0	41.2	41.9	46.7	34.6	1956
1957	35.8	30.7	26.5	22.3	28.9	46.1	171	181	76.4	50.8	40.6	36.0	61.0	1957
1958	32.5	27.8	22.7	21.5	36.1	60.9	47.0	54.2	39.6	36.0	44.7	36.2	41.6	1958
1959	33.3	31.9	30.3	29.9	29.1	32.2	114	152	87.5	71.5	61.2	36.7	56.1	1959
1960	32.2	27.6	24.0	21.2	54.2	105	147	85.4	60.0	45.0	83.7	41.6	59.0	1960
1961	42.7	57.9	54.5	53.3	27.4	83.0	109	80.7	45.0	31.6	27.8	24.4	53.0	1961
1962	22.1	19.1	18.1	13.6	23.8	36.1	81.6	82.8	63.3	50.9	38.5	31.5	38.3	1962
1963	28.2	23.8	32.2	30.0	32.8	36.3	105	116	74.9	64.4	61.3	86.5	55.5	1963
1964	46.8	38.2	28.4	25.9	51.6	101	200	110	69.4	46.7	37.9	33.2	66.0	1964
1965	28.0	24.2	21.3	19.3	24.4	33.4	87.6	75.7	43.7	45.3	40.3	36.4	38.6	1965
1966	33.0	30.8	22.4	17.8	32.0	56.2	107	76.4	55.8	38.8	33.7	29.5	44.6	1966
1967	25.0	22.6	20.0	16.5	20.4	31.0	81.1	89.7	81.4	88.8	70.0	85.5	50.4	1967
1968	48.9	34.9	28.5	21.8	31.8	52.0	135	108	85.7	54.0	42.2	33.8	54.8	1968
1969	29.1	23.7	21.2	19.2	48.7	40.3	54.0	85.0	95.9	110	85.8	86.9	55.0	1969
1970	47.5	33.1	25.5	22.7	26.5	35.4	59.2	83.1	73.6	80.7	80.7	82.0	51.3	1970
1971	41.6	30.3	25.5	26.2	54.4	122	127	88.5	69.6	43.9	40.6	43.3	55.2	1971
1972	36.2	33.1	27.7	18.3	33.7	59.7	155	100	64.6	41.3	36.0	31.1	53.6	1972
1973	28.8	30.3	15.4	10.7	35.0	56.0	83.3	47.3	34.8	38.2	36.3	30.6	37.5	1973
1974	25.0	25.7	20.6	23.2	27.4	39.6	95.7	136	127	94.6	67.6	57.5	63.1	1974
1975	48.6	34.0	28.6	23.6	63.7	120	136	79.6	48.7	35.1	33.1	30.0	57.0	1975
1976	32.3	17.3	20.6	21.3	23.2	28.1	42.5	44.3	31.7	27.6	18.4	18.4	27.3	1976
MEAN	33.5	28.0	24.9	22.3	34.3	57.9	98.6	82.6	61.3	51.1	48.0	38.7	48.7	MEAN

LOCATION - LAT 63 30 43 N DRAINAGE AREA, 15 200 km²
LONG 116 00 21 W REGULATED

SNARE RIVER AT BIGSPRUCE LAKE - STATION NO. 07SA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1949	---	---	---	216 000	1949
1950	---	---	---	939 000	1950
1951	---	---	---	1 170 000	1951
1952	---	---	---	1 440 000	1952
1953	---	---	---	1 380 000	1953
1954	---	---	---	1 250 000	1954
1955	---	---	---	1 880 000	1955
1956	---	---	---	1 220 000	1956
1957	---	---	---	1 920 000	1957
1958	---	---	---	1 320 000	1958
1959	---	---	---	1 770 000	1959
1960	---	---	---	1 870 000	1960
1961	---	---	---	1 670 000	1961
1962	---	---	---	1 240 000	1962
1963	---	---	---	1 760 000	1963
1964	---	---	---	2 080 000	1964
1965	---	---	---	1 210 000	1965
1966	---	---	---	1 410 000	1966
1967	---	---	---	1 590 000	1967
1968	---	---	---	1 730 000	1968
1969	---	---	---	1 730 000	1969
1970	---	---	---	1 620 000	1970
1971	---	---	---	1 770 000	1971
1972	---	---	---	1 700 000	1972
1973	---	---	---	1 180 000	1973
1974	---	---	---	1 980 000	1974
1975	---	---	---	1 800 000	1975
1976	---	---	---	861 000	1976
				1 490 000	MEAN

SNARE RIVER BELOW BIGSPRUCE LAKE - STATION NO. 07SA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	16.8	23.2	29.7	33.6	39.1	44.3	46.2	43.2	---	1945
1946	36.7	30.8	26.7	24.7	26.5	39.2	48.8	54.4	42.9	34.2	28.2	24.4	35.0	1946
1947	20.4	17.0	14.3	12.0	17.7	24.2	48.9	104	92.8	---	---	---	---	1947
MEAN	28.6	23.9	20.5	18.4	21.0	28.9	42.2	64.0	58.3	39.3	37.2	33.8	35.0	MEAN

LOCATION - LAT 63 30 43 N DRAINAGE AREA, 15 500 km^2
LONG 116 00 21 W NATURAL FLOW

SNARE RIVER BELOW BIGSPRUCE LAKE - STATION NO. 07SA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	46.4E ON NOV 11	---	---	1945
1946	---	57.8 ON AUG 4	22.3E ON DEC 31	1 100 000	1946
1947	---	120 E ON SEP 3 +	11.1 ON APR 30 +	---	1947
		+ - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 100 000	MEAN

E - ESTIMATED

SNARE RIVER BELOW GHOST RIVER - STATION NO. 07SA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1947	---	---	---	---	---	---	---	---	---	55.5	52.4	42.0	---	1947
1948	33.1	33.7	17.4	13.4	16.1	27.8	88.2	111	103	90.8	73.4	55.0	54.8	1948
1949	41.0	31.9	28.5	24.2	25.7	55.9	105	97.7	79.2	---	---	---	---	1949
1984	---	---	---	---	---	---	---	159 R	108 R	81.7R	62.0R	48.1R	---	1984
1985	37.5	29.8	23.4	18.5	23.2	126	159	125	95.1	72.6	58.1	45.0	68.4	1985
1986	35.0	28.6	23.0	19.0	24.3	131	166	118	85.7	65.7	53.4	42.9	68.1	1986
MEAN	36.7	28.5	22.6	18.8	23.8	85.2	136	122 R	94.2R	75.5R	58.8R	46.6R	63.7	MEAN

LOCATION - LAT 63 58 30 N DRAINAGE AREA, 13 300 km^2
LONG 115 26 02 W NATURAL FLOW

R - REVISED SINCE JAN 1985

SNARE RIVER BELOW GHOST RIVER - STATION NO 07SA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1947	---	---	---	---	1947
1948	---	112E ON JUL 27	12.9E ON APR 8 *	1 730 000	1948
1949	---	110E ON JUL 11	23.8E ON APR 21	---	1949
1984	---	---	---	---	1984
1985	180 AT 09 01 MST ON JUL 2	180 ON JUL 2	16.6 ON MAY 5	2 180 000	1985
1986	225 AT 15 58 MST ON JUL 3 *	224 ON JUL 3 *	17.1 ON MAY 6	2 150 000	1986
				2 010 000	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SNOWBIRD CREEK NEAR BRADFORD ISLAND - STATION NO 10VC013

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	---	0.212	3.04	0.310	---	---	---	---	---	1976
MEAN	---	---	---	---	---	0.212	3.04	0.310	---	---	---	---	---	MEAN

LOCATION - LAT 75 37 52 N DRAINAGE AREA, 87.0 km^2
LONG 101 19 02 W NATURAL FLOW

REMARKS - ADDITIONAL HYDROLOGIC AND GEOMORPHOLOGIC DATA ARE AVAILABLE

SNOWBIRD CREEK NEAR BRADFORD ISLAND - STATION NO 10VC013

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	---	7.48 ON JUL 20 *	08 ON JUN 1 *	---	1976
				---	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

SNOWDRIFT RIVER AT OUTLET OF SILTAZA LAKE - STATION NO 07QB002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	7.92	60.1	76.7	44.9	24.3	18.0	15.3	13.2	9.64	---	1976
1977	6.79	5.52	4.68	3.89	114	103	43.4	29.3	28.1	27.9	26.2	19.3	34.5	1977
1978	15.4	12.8	10.0	7.80	78.9	144	81.5	44.8	25.0	19.3	17.3	13.4	39.3	1978
1979	10.6	8.18	6.82	6.14	70.0	141	57.9	30.3	22.2	17.7	14.1	9.97	33.0	1979
1980	6.86	5.62	5.19	7.02	66.6	33.5	19.2	14.5	22.7	23.8	21.0	12.6	20.0	1980
1981	8.64	7.26	6.51	6.10	81.7	101	78.2	60.3	46.2	38.7	28.4	20.9	40.6	1981
1982	13.7	9.20	7.13	5.94	11.1	124	61.3	35.6	51.5	60.7	39.3	26.1	37.2	1982
1983	18.2	13.0	9.17	7.06	12.5	147	56.6	62.2	92.7	82.6	56.1	37.9	49.6	1983
1984	21.1	13.8	10.8	14.8	108	87.6	61.4	50.8	39.0	30.3	26.9	24.3	40.9	1984
1985	16.2	11.1	9.47	9.14	127	133	89.0	48.5	33.4	21.7	16.6	12.8	42.5	1985
1986	9.78	7.68	6.47	5.52	90.2	141	84.3	48.5	30.8	22.3	15.8	11.6	39.7	1986
MEAN	12.7	9.42	7.62	7.39	74.6	112	59.8	40.8	37.2	32.7	25.0	18.1	37.7	MEAN

LOCATION - LAT 82 10 21 N DRAINAGE AREA, 9 110 km^2
LONG 109 51 39 W NATURAL FLOW

SNOWDRIFT RIVER AT OUTLET OF SILTAZA LAKE - STATION NO 07QB002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	---	118 E ON MAY 25	---	---	1976
1977	---	226 E ON MAY 15	3.688 ON APR 27 *	1 090 000	1977
1978	210 AT 20 00 MST ON JUN 7	204 ON JUN 7	7.388 ON APR 17	1 240 000	1978
1979	281 AT 22 00 MST ON MAY 30 *	285 ON MAY 30 *	5.798 ON MAY 9	1 040 000	1979
1980	---	95.1 ON MAY 8	5.038 ON APR 14	832 000	1980
1981	---	203 ON MAY 28	5.948 ON APR 28	1 280 000	1981
1982	---	192 E ON JUN 10	5.048 ON MAY 15	1 170 000	1982
1983	218 AT 03 18 MST ON JUN 12	218 ON JUN 12	6.048 ON MAY 15	1 580 000	1983
1984	150 AT 18 45 MST ON MAY 22	149 ON MAY 22	8.08 ON APR 18	1 290 000	1984
1985	---	250 ON MAY 22	9.008 ON APR 27	1 340 000	1985
1986	385 AT 16 12 MST ON MAY 29	284 ON MAY 29	5.258 ON APR 25	1 250 000	1986
				1 190 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORTHWEST TERRITORIES

SOUTH NAHANNI RIVER ABOVE CLAUSEN CREEK - STATION NO 10EC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	96.7	72.5	64.4	---	---	1 670	923	721	474	---	---	---	---	1960
1961	---	---	---	---	---	---	---	---	418	324	---	---	---	1961
1962	---	88.0	85.1	---	---	2 980	1 520	859	540	375	176	118	---	1962
1963	102	87.8	79.3	89.7	751	1 460	1 370	751	789	405	180	102	515	1963
1964	96.3	93.4	87.8	82.1	435	1 960	1 090	920	494	285	141	108	483	1964
1965	84.3	66.1	64.8	65.6	386	873	971	488	349	---	---	---	---	1965
1966	---	---	---	---	---	1 230	970	811	485	---	---	---	---	1966
1967	---	---	---	---	---	---	---	573	389	---	---	---	---	1967
1968	---	---	---	---	---	1 540	1 250	850	636	304	181	124	---	1968
1969	77.9	48.7	34.8	38.5	---	980	812	726	412	214	112	89.6	---	1969
1970	78.8	72.2	66.1	66.6	603	1 120	951	818	480	330	170	98.0	406	1970
1971	72.6	61.8	52.4	---	---	1 200	814	522	321	169	79.9	60.8	---	1971
1972	51.7	49.6	43.8	---	---	1 530	---	851	358	194	86.8	70.1	---	1972
1973	44.6	38.3	44.3	88.4	882	1 350	748	593	540	192	115	82.8	395	1973
1974	61.0	55.8	49.0	83.8	587	1 390	883	1 130	531	195	99.5	109	433	1974
1975	81.0	68.0	59.7	83.3	651	1 590	1 090	626	446	301	103	90.3	435	1975
1976	66.9	58.8	56.7	104	907	1 160	1 170	705	377	225	133	101	424	1976
1977	82.4	66.5	66.7	83.0	612	1 290	882	865	515	223	75.5	72.6	405	1977
1978	67.2	50.4	48.3	43.1	364	1 080	1 170	697	336	238	134	78.2	360	1978
1979	64.9	54.6	47.2	44.1	824	1 430	1 100	729	444	267	88.7	74.3	418	1979
1980	74.9	58.5	44.1	63.0	508	980	804	804	469	362	135	110	350	1980
1981	97.1	64.3	56.5	60.5	708	981	840	454	414	207	110	104	326	1981
1982	76.8	58.2	55.6	57.5	475	1 280	783	641	388	207	111	102	351	1982
1983	71.1	58.6	57.8	59.8	491	1 350	768	871	429	195	85.0	71.4	377	1983
1984	52.6	50.0	63.8	87.3	464	1 240	925	898	416	192	85.8	68.7	383	1984
1985	57.7	56.7	56.1	68.9	514	1 170	1 150	642	371	207	108	88.9	377	1985
1986	81.9	61.0	57.2	68.7	690	1 480	1 220	678	427	281	139	107	442	1986
MEAN	73.7	61.8	56.9	70.3	592	1 370	999	716	453	256	122	92.6	403	MEAN

LOCATION - LAT 61 15 19 N DRAINAGE AREA, 31 100 km²
LONG 124 03 28 W NATURAL FLOW

REMARKS - RECORDS ARE BEING REVIEWED

SOUTH NAHANNI RIVER ABOVE CLAUSEN CREEK - STATION NO 10EC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1960	2 510 AT 13 00 PST ON JUN 24	2 380 ON JUN 24	---	---	1960
1961	---	---	---	---	1961
1962	8 210E ON JUN 17 *	6 370E ON JUN 17 *	---	---	1962
1963	3 740 AT 16 00 PST ON JUN 13	3 540 ON JUN 13	88 08 ON APR 1	16 200 000	1963
1964	2 820 AT 12 00 PST ON JUN 6	2 710 ON JUN 6	75 08 ON DEC 31	16 300 000	1964
1965	1 890 AT 16 00 PST ON JUL 18	1 840 ON JUL 18	51 88 ON MAR 20	---	1965
1966	2 040 AT 18 00 PST ON JUN 19	1 910 ON JUN 19	---	---	1966
1967	---	---	---	---	1967
1968	3 030 AT 11 00 PST ON JUN 28	2 680 ON JUN 28	---	---	1968
1969	---	1 560 ON JUL 14	32 8 ON MAR 24 *	---	1969
1970	2 250 AT 11 00 PST ON AUG 17	1 850 ON AUG 17	81 48 ON APR 15	12 800 000	1970
1971	---	1 570 ON JUN 12	---	---	1971
1972	---	---	40 58 ON MAR 27	---	1972
1973	---	2 380E ON JUN 11	37 18 ON FEB 11	12 400 000	1973
1974	2 830 AT 21 00 MST ON JUN 17	2 570 ON JUN 18	46 48 ON MAR 28	13 800 000	1974
1975	3 280 AT 20 00 MST ON JUN 4	2 800 ON JUN 4	57 58 ON MAR 24	13 700 000	1975
1976	---	2 040 ON JUL 3	55 28 ON MAR 9	13 400 000	1976
1977	1 900 AT 08 10 MST ON JUN 3	1 870 ON JUN 3	85 48 ON FEB 16	12 800 000	1977
1978	3 110 AT 04 00 MST ON JUL 3	2 520 ON JUL 3	42 58 ON APR 17	11 300 000	1978
1979	1 950 AT 09 00 MST ON JUN 25	1 920 ON JUN 25	43 08 ON APR 18	13 100 000	1979
1980	2 010 AT 18 50 MST ON JUN 10	1 930 ON JUN 11	42 58 ON MAR 20	11 100 000	1980
1981	1 830 AT 12 37 MST ON JUN 8	1 760 ON JUN 8	56 48 ON FEB 24	10 300 000	1981
1982	1 950 AT 10 47 MST ON JUN 15	1 910 ON JUN 15	54 08 ON APR 2	11 100 000	1982
1983	2 330 AT 15 41 MST ON JUN 1	2 260 ON JUN 2	57 08 ON MAR 26	11 800 000	1983
1984	2 080 AT 22 50 MST ON JUN 19	1 970 ON JUN 20	46 08 ON FEB 1	11 500 000	1984
1985	2 180 AT 18 57 MST ON JUN 7	2 090 ON JUN 7	55 58 ON MAR 11	11 800 000	1985
1986	2 550 AT 16 30 MST ON JUL 3	2 230 ON JUL 3	53.58 ON MAR 30	13 800 000	1986
				12 700 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

SOUTH NAHANNI RIVER ABOVE VIRGINIA FALLS - STATION NO 10EB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	---	---	---	---	---	---	---	---	---	140	81.2	51.0	---	1960
1961	40.5	31.1	25.2	---	---	1 280	579	235	273	---	---	---	---	1961
1962	34.5	27.2	22.1	19.5	97.4	1 540	799	404	216	---	---	---	---	1962
1963	---	---	---	---	---	752	839	455	424	198	76.5	35.8	---	1963
1964	31.1	31.1	31.1	31.1	99.8	1 190	683	507	233	132	67.3	51.9	258	1964
1965	32.9	34.5	28.5	36.1	153	524	588	301	215	---	---	---	---	1965
1966	---	---	---	---	---	782	526	288	236	---	---	---	---	1966
1967	---	---	---	---	---	963	561	361	231	133	65.0	28.4	---	1967
1968	27.2	26.5	26.0	---	---	---	---	360	255	133	72.7	45.3	---	1968
1969	31.6	26.6	---	---	---	599	488	379	190	108	62.7	43.3	---	1969
1970	38.5	34.9	31.4	29.0	253	841	708	420	221	154	69.5	38.7	237	1970
1971	30.2	29.3	28.9	---	---	791	495	339	194	112	51.5	34.2	---	1971
1972	24.6	16.5	17.0	---	---	---	---	---	198	111	62.5	43.4	---	1972
1973	27.3	25.5	25.3	33.1	518	826	454	349	247	107	61.5	38.3	227	1973
1974	27.0	22.7	21.6	23.3	172	629	443	481	227	88.3	42.1	44.7	186	1974
1975	36.4	30.1	24.9	30.7	245	1 080	722	306	245	169	53.1	43.5	249	1975
1976	38.3	32.7	29.3	53.4	262	675	630	337	184	124	54.0	37.7	204	1976
1977	29.8	22.4	22.6	31.9	307	876	537	498	245	84.0	37.7	35.6	228	1977
1978	34.1	31.2	27.3	23.5	190	773	859	382	169	130	73.4	35.9	215	1978
1979	28.3	25.5	24.5	27.0	182	872	591	419	205	146	59.2	37.9	236	1979
1980	34.6	29.9	27.5	39.3	306	828	480	376	228	170	57.3	42.4	202	1980
1981	36.8	27.8	26.8	30.6	488	672	417	282	218	122	51.0	48.7	194	1981
1982	28.9	18.3	18.0	20.8	158	861	541	358	228	135	60.5	52.9	215	1982
1983	37.3	28.4	27.9	28.5	217	1 050	475	467	246	113	43.2	37.7	231	1983
1984	17.4	17.6	23.2	31.4	248	819	550	450	221	110	49.1	37.6	215	1984
1985	30.4	17.8	17.7	26.9	168	828	848	389	203	103	51.3	39.1	229	1985
1986	29.7	23.8	21.0	23.6	205	843	834	371	201	122	83.9	47.6	233	1986
MEAN	31.6	26.7	24.9	30.0	238	866	608	381	228	128	57.7	40.9	222	MEAN

LOCATION - LAT 61 38 33 N DRAINAGE AREA, 14 600 km²
LONG 125 48 13 W NATURAL FLOW

REMARKS - RECORDS ARE BEING REVIEWED

SOUTH NAHANNI RIVER ABOVE VIRGINIA FALLS - STATION NO 10EB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1960	---	---	---	---	1960
1961	---	2 320E ON JUN 12 *	---	---	1961
1962	---	1 700E ON JUN 7	19.58 ON APR 1	---	1962
1963	1 290 AT 12:30 PST ON JUL 7	1 270 ON JUL 7	---	---	1963
1964	1 700 AT 03:00 PST ON JUN 13	1 670 ON JUN 13	31.18 ON JAN 1	8 150 000	1964
1965	949 AT 20:00 PST ON JUL 17	900 ON JUL 18	28.38 ON MAR 14	---	1965
1966	1 390 AT 23:59 PST ON JUN 18	1 330 ON JUN 18	---	---	1966
1967	---	1 420 ON JUN 21	---	---	1967
1968	---	---	---	---	1968
1969	---	1 120 ON JUL 13	---	---	1969
1970	---	1 610 ON JUN 6	26.98 ON APR 19	7 490 000	1970
1971	---	1 310 ON JUN 22	---	---	1971
1972	---	1 830 ON MAY 31	15.98 ON MAR 13	---	1972
1973	---	1 420E ON MAY 26	25.28 ON FEB 27	7 150 000	1973
1974	1 030 AT 13:00 MST ON JUN 17	891 ON JUN 17	21.28 ON MAR 12	5 870 000	1974
1975	1 930 AT 15:00 MST ON JUN 6	1 850 ON JUN 4	23.88 ON MAR 24	7 880 000	1975
1976	---	1 380 ON JUL 1	24.38 ON MAR 10	8 450 000	1976
1977	1 180 AT 14:00 MST ON JUN 22	1 160 ON JUN 22	21.68 ON FEB 18	7 180 000	1977
1978	1 800 AT 17:50 MST ON JUL 3	1 730 ON JUL 3	22.78 ON APR 24	8 770 000	1978
1979	1 460 AT 01:20 MST ON JUN 25	1 400 ON JUN 25	24.58 ON FEB 26	7 430 000	1979
1980	---	1 200E ON JUN 11	27.08 ON MAR 3	8 400 000	1980
1981	1 410 AT 15:32 MST ON MAY 30	1 390 ON MAY 30	25.08 ON FEB 20	8 120 000	1981
1982	1 840 AT 17:43 MST ON JUN 15	1 810 ON JUN 15	18.08 ON FEB 18	6 780 000	1982
1983	1 950 ON JUN 1 *	1 900E ON JUN 2	20.08 ON DEC 31	7 280 000	1983
1984	1 280 AT 18:48 MST ON JUN 14	1 240 ON JUN 14	15.58 ON JAN 31 *	8 800 000	1984
1985	1 820 AT 16:20 MST ON JUN 7	1 750 ON JUN 7	16.08 ON FEB 21	7 220 000	1985
1986	1 840 ON JUN 9	1 470 ON JUL 3	20.18 ON APR 14	7 380 000	1986
				7 020 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SYLVIA GRINNELL RIVER NEAR IQALUIT - STATION NO. 10UH001

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR JUN TO SEP IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	1.26	0.757	0.261	0	0.037	42.2	158	57.2	42.5	13.1	4.87	1.84	75.6	1971
1972	---	---	---	---	---	4.40	132	79.6	48.6	13.4	5.69	---	66.7	1972
1973	---	---	---	---	---	88.3	223	76.6	56.0	26.1	---	---	112	1973
1974	---	---	---	---	---	---	78.7	67.9	---	---	---	---	---	1974
1975	---	---	---	---	---	---	120	71.2	59.3	---	---	---	---	1975
1976	---	---	---	---	---	---	236	95.7	35.5	---	---	---	---	1976
1977	---	---	---	---	---	---	164	48.3	41.9	---	---	---	---	1977
1978	---	---	---	---	---	---	342	123	---	---	---	---	---	1978
1979	---	---	---	---	---	---	283	121	130	---	---	---	---	1979
1980	---	---	---	---	---	---	86.2	36.2	26.9	---	---	---	---	1980
1981	---	---	---	---	---	---	115	44.8	---	---	---	---	---	1981
1982	---	---	---	---	---	---	73.8	86.2	33.9	15.5	---	---	---	1982
1983	---	---	---	---	---	126	188	74.5	26.8	9.99	---	---	105	1983
1984	---	---	---	---	---	64.5	112	74.6	50.6R	12.4 R	2.26R	0.382R	75.7R	1984
1985	---	---	---	---	1.52	148	101	53.8	63.6	21.2 R	---	---	81.3R	1985
1986	---	---	---	---	---	7.32	243	96.0	84.5	15.1	2.66	0.608	105	1986
MEAN	1.26	0.757	0.261	0	0.779	88.8	166	74.2	54.2R	15.8 R	3.87R	0.943R	90.8	MEAN

LOCATION - LAT 63 45 38 N DRAINAGE AREA, 2 980 km²
LONG 68 35 02 W NATURAL FLOW

R - REVISED SINCE JAN 1986

SYLVIA GRINNELL RIVER NEAR IQALUIT - STATION NO. 10UH001

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR JUN TO SEP FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1971	---	283A ON JUL 8	0.5668 ON JUN 1	796 000	1971
1972	---	306 ON JUL 22	0.1138 ON JUN 1	702 000	1972
1973	445 AT 05 43 EST ON JUL 3	425 ON JUL 3 *	11.3 B ON JUN 1	1 180 000	1973
1974	---	---	---	---	1974
1975	---	---	---	---	1975
1976	---	---	---	---	1976
1977	---	---	---	---	1977
1978	---	---	---	---	1978
1979	---	---	---	---	1979
1980	262 AT 06 37 EST ON JUN 27	---	---	---	1980
1981	382 AT 08 30 EST ON JUN 29	---	---	---	1981
1982	---	3208 ON JUN 20	---	---	1982
1983	437 AT 12 20 EST ON JUL 11	400 ON JUL 12	0.1008 ON JUN 1	1 110 000	1983
1984	---	3508 ON JUN 29	0 B ON JUN 1 *	798 000R	1984
1985	---	319 ON JUN 17	13.0 B ON JUN 1	961 000	1985
1986	478 AT 13 15 EST ON JUL 30 *	4108 ON JUL 3	0 B ON JUN 1	1 150 000	1986
				957 000R	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1 1986

TALTSON RIVER ABOVE PORTER LAKE OUTFLOW - STATION NO. 07QD004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	---	---	49.6	39.4	51.1	52.5	38.4	25.9	---	1977
1978	21.2	17.3	12.9	10.5	28.7	80.7	58.1	45.4	35.0	34.5	33.4	25.9	33.7	1978
1979	20.4	17.5	15.8	15.0	18.3	95.7	61.2	38.1	29.7	26.1	23.0	19.9	31.8	1979
1980	18.5	14.2	12.8	14.3	37.1	39.2	28.0	24.6	32.4	38.1	41.1	36.7	27.9	1980
1981	31.3	25.1	19.7	16.6	49.6	81.5	108	90.2	65.9	49.8	37.5	32.2	50.8	1981
1982	28.9	22.3	18.3	14.9	82.0	231	114	68.7	81.2	85.8	55.9	38.3	70.1	1982
1983	26.5	19.4	18.5	19.1	28.3	107	69.9	68.6	69.4	58.7	52.5	38.9	48.1	1983
1984	25.3	14.3	12.3	31.9	96.0	81.6	84.8	82.6	95.6	87.1	69.8	47.9	60.9	1984
1985	35.7	29.6	22.9	22.6	129	140	75.1	52.3	41.2	31.0	23.7	19.7	52.0	1985
1986	17.0	14.8	12.8	11.2	88.2	114	78.5	70.6	78.8	62.9	48.8	35.2	52.9	1986
MEAN	24.5	19.4	16.2	17.3	61.8	108	72.7	58.1	58.0	52.7	42.4	32.1	47.6	MEAN

LOCATION - LAT 61 52 30 N DRAINAGE AREA, 12 800 km²
LONG 107 40 30 W NATURAL FLOW

TALTSON RIVER ABOVE PORTER LAKE OUTFLOW - STATION NO. 07QD004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1977	---	---	---	---	1977
1978	---	98.8 ON JUN 4	9.778 ON MAY 7 *	1 080 000	1978
1979	---	128 A ON JUN 13	14.6 B ON MAY 5	1 000 000	1979
1980	---	42.68 ON NOV 16	12.4 B ON MAR 26	884 000	1980
1981	---	131 ON JUL 21	16.1 B ON APR 14	1 600 000	1981
1982	---	362 E ON JUN 1 *	13.6 B ON MAY 1	2 210 000	1982
1983	126 AT 19 05 MST ON JUN 14 *	126 ON JUN 14	18.2 B ON FEB 26	1 520 000	1983
1984	102 AT 12 38 MST ON MAY 21	102 ON MAY 15	10.8 B ON MAR 8	1 930 000	1984
1985	---	203 ON MAY 22	18.3 B ON DEC 31	1 640 000	1985
1986	---	162 E ON MAY 23	10.8 B ON APR 22	1 670 000	1986
				1 500 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

TALTSON RIVER AT OUTLET OF TSU LAKE - STATION NO. 07OA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1952	---	---	67.4	64.6	80.6	108	128	120	105	96.9	93.2	93.1	---	1952
1953	87.3	78.4	69.4	60.4	66.1	79.0	86.0	102	114	115	118	135	92.9	1953
1954	135	119	102	86.7	81.7	256	---	---	---	---	---	---	---	1954
1962	---	---	111	95.7	115	282	440	433	363	318	287	265	---	1962
1963	228	186	151	---	---	252	281	281	284	287	306	299	---	1963
1964	255	215	169	137	242	370	385	293	231	185	163	151	233	1964
1965	132	109	85.9	73.6	89.8	119	280	351	281	213	175	150	172	1965
1966	129	111	92.3	82.6	141	221	276	289	305	321	288	244	209	1966
1967	197	152	122	100	125	226	289	335	307	260	228	202	213	1967
1968	170	144	124	95.6	139	223	219	199	---	---	---	---	---	1968
1969	241	195	161	141	169	168	120	85.3	60.5	53.3	74.6	85.1	130	1969
1970	92.2	88.1	85.5	87.2	109	106	73.8	59.6	48.5	84.0	135	153	93.6	1970
1971	145	128	110	97.3	131	141	114	86.6	75.5	83.7	85.7	87.8	107	1971
1972	86.3	77.2	59.3	48.0	95.3	168	200	179	153	137	148	146	125	1972
1973	132	117	106	96.5	127	182	178	155	162	203	215	196	156	1973
1974	167	143	122	112	166	192	220	224	218	265	304	278	202	1974
1975	238	199	162	140	293	458	415	328	294	278	281	251	279	1975
1976	214	181	155	156	287	359	318	247	181	142	137	129	209	1976
1977	114	102	95.9	99.8	131	179	170	131	133	142	161	171	136	1977
1978	149	128	116	110	151	181	148	129	114	103	103	110	128	1978
1979	101	89.2	81.4	76.5	85.8	143	155	129	107	95.0	108	116	107	1979
1980	105	92.7	87.7	92.9	136	132	90.3	78.8	90.3	109	108	103	102	1980
1981	100	92.8	86.3	83.7	146	155	160	217	220	205	185	170	152	1981
1982	154	131	110	95.3	166	322	398	323	255	241	242	225	223	1982
1983	187	155	134	119	153	163	190	227	246	262	285	238	185	1983
1984	202	167	142	149	208	232	248	267	265	278	336	296	233	1984
1985	241	190	157	138	257	413	379	283	215	162	142	117	225	1985
1986	107	103	105	110	150	208	209	180	191	215	209	185	165	1986
MEAN	158	134	113	102	150	216	229	212	193	187	189	177	169	MEAN

LOCATION - LAT 60 38 59 N DRAINAGE AREA, 58 700 km²
LONG 111 56 49 W REGULATED SINCE 1965

TALTSON RIVER AT OUTLET OF TSU LAKE - STATION NO. 07OA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1952	---	---	---	---	1952
1953	---	141E ON DEC 28	56.9 ON APR 24	2 930 000	1953
1954	317 AT 22 00 MST ON JUL 13	---	---	---	1954
1962	464 AT 22 00 MST ON JUL 25 *	---	---	---	1962
1963	---	---	---	---	1963
1964	413 AT 23 00 MST ON JUL 3	413 ON JUL 2	125 ON APR 29	7 380 000	1964
1965	---	362 ON AUG 5	71.4 ON APR 24	5 430 000	1965
1966	---	326 ON OCT 4	76.2 ON MAY 4	6 590 000	1966
1967	---	340 ON AUG 11	91.7 ON APR 30	6 700 000	1967
1968	---	---	---	---	1968
1969	---	284 ON JAN 1	56.9 ON SEP 25	4 100 000	1969
1970	157 AT 21 10 MST ON DEC 24	156 ON DEC 20	46.2 ON SEP 8	2 950 000	1970
1971	---	154 ON JAN 1	69.1 ON SEP 18	3 380 000	1971
1972	---	204 ON JUL 7	42.8A ON APR 12 *	3 950 000	1972
1973	---	218 ON NOV 17	92.3 ON APR 22	4 920 000	1973
1974	---	311 ON NOV 8	108 ON APR 19	6 360 000	1974
1975	---	479 ON JUN 21 *	134 ON APR 21	8 790 000	1975
1976	---	368 ON JUN 12	122 E ON DEC 31	6 810 000	1976
1977	---	198 ON JUN 25	90.9 ON APR 11	4 290 000	1977
1978	---	187E ON JUN 13	95.7 ON NOV 13	4 050 000	1978
1979	165 AT 11 27 MST ON JUL 9	165 ON JUN 26	72.1E ON MAY 9	3 390 000	1979
1980	---	151 ON JUN 1	76.3 ON SEP 5	3 230 000	1980
1981	---	228 ON AUG 27	79.5 ON APR 19	4 800 000	1981
1982	410 AT 01 24 MST ON JUL 4	409 ON JUL 4	89.1 ON APR 21	7 020 000	1982
1983	272 AT 23 40 MST ON NOV 6	271 ON NOV 4	114 ON APR 19	6 160 000	1983
1984	341 AT 04 14 MST ON NOV 1	340 ON NOV 6	129 ON APR 8	7 360 000	1984
1985	431 AT 01 37 MST ON JUN 22	431 ON JUN 21	107 ON DEC 27	7 090 000	1985
1986	222 AT 14 25 MST ON JUN 29	221 ON JUN 30	97.8 ON FEB 25	5 190 000	1986
				5 330 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

TALTSON RIVER NEAR OUTLET OF NONACHO LAKE - STATION NO. 07OD003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	---	---	---	---	---	136	---	172	---	---	1975
1976	105	88.4	84.6	88.5	124	139	144	123	100	89.9	85.8	76.0	104	1976
1977	64.5	58.6	58.1	72.4	81.4	76.5	73.7	83.7	81.7	87.5	96.3	87.0	78.4	1977
MEAN	84.8	73.5	76.4	80.5	103	108	109	108	108	88.7	118	81.5	91.7	MEAN

LOCATION - LAT 61 39 36 N DRAINAGE AREA, 22 600 km²
LONG 109 58 07 W REGULATED

NORTHWEST TERRITORIES

TALTSON RIVER NEAR OUTLET OF NONACHO LAKE - STATION NO. 07OD003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1975	---	---	---	---	1975
1976	---	156 ON JUL 3 *	70.5B ON DEC 29	3 300 000	1976
1977	---	102 ON JUN 2	57.5B ON FEB 24 *	2 500 000	1977
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 900 000	MEAN

THA-ANNE RIVER BELOW SOUTH HENIK LAKE - STATION NO. 06HD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	0	0	0	0	0	---	---	151	87.3	31.7	8.59	2.73	---	1978
1979	1.17	0.244	0	0	---	---	---	117	56.9	---	---	---	---	1979
1980	---	---	---	---	23.9	57.2	61.5	51.6	83.5	49.8	20.5	9.11	---	1980
1981	3.29	1.12	0.267	0.002	---	---	---	140	77.1	42.2	15.5	4.72	---	1981
1982	1.44	0.610	0.112	0	0.484	110	194	101	51.0	20.1	5.48	1.01	40.7	1982
MEAN	1.48	0.494	0.100	0.001	8.13	83.6	128	112	71.2	36.0	12.5	4.39	40.7	MEAN

LOCATION - LAT 61 08 00 N DRAINAGE AREA, 7 140 km^2
LONG 97 07 41 W NATURAL FLOW

THA-ANNE RIVER BELOW SOUTH HENIK LAKE - STATION NO. 06HD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	---	---	---	---	1978
1979	---	---	0 B ON FEB 22 *	---	1979
1980	75.7 AT 15 50 CST ON JUL 3	---	5.75B ON DEC 31	---	1980
1981	---	---	0 B ON APR 4	---	1981
1982	221 AT 16 30 CST ON JUL 7 *	219 ON JUL 8 *	0 B ON APR 1	1 280 000	1982
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 280 000	MEAN

THELON RIVER ABOVE BAKER LAKE - STATION NO. 08MA003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	306	273	247	313	748	2 450	1 370	837	933	979	729	428	802	1973
1974	267	203	171	196	389	2 510	1 410	1 190	911	451	363	342	701	1974
1975	318	324	318	318	374	2 150	1 660	1 010	902	793	626	483	774	1975
1976	359	249	203	296	445	2 210	2 320	1 190	894	746	576	451	830	1976
1977	418	294	277	254	287	2 330	2 070	1 010	743	682	514	361	770	1977
1978	254	211	247	258	323	1 010	3 160	1 780	1 000	735	558	397	835	1978
1979	291	274	258	244	257	---	---	1 070	733	604	473	370	---	1979
1980	283	236	191	153	---	---	---	701	822	656	532	416	---	1980
1981	321	263	215	179	180	1 530	1 770	1 130	791	593	493	412	659	1981
1982	336	266	200	146	135	1 370	2 040	1 110	860	765	541	409	685	1982
MEAN	316	259	233	236	349	1 950	1 980	1 100	859	699	541	407	757	MEAN

LOCATION - LAT 64 24 25 N DRAINAGE AREA, 154 000 km^2
LONG 96 24 37 W NATURAL FLOW

REMARKS - STATION NOW LOCATED AT 08MA006 THELON RIVER BELOW OUTLET SHULTZ LAKE. DATA SHOULD BE USED WITH DISCRETION

THELON RIVER ABOVE BAKER LAKE - STATION NO. 08MA003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1973	---	3 060E ON JUN 6	235B ON MAR 19	25 300 000	1973
1974	---	3 230E ON JUN 14	161B ON MAR 19	22 100 000	1974
1975	---	2 610E ON JUN 12	274B ON JAN 6	24 400 000	1975
1976	---	3 200A ON JUN 23	193B ON MAR 13	26 200 000	1976
1977	---	2 820B ON JUN 9	212B ON FEB 22	24 300 000	1977
1978	---	3 510B ON JUL 2 *	187B ON FEB 8	26 300 000	1978
1979	---	---	227B ON MAY 23	---	1979
1980	---	---	---	---	1980
1981	---	2 790E ON JUN 19	175B ON APR 20	20 800 000	1981
1982	---	2 870 ON JUN 29	120B ON MAY 10 *	21 800 000	1982
	A - MANUAL GAUGE (SEE REFERENCE INDEX)	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD	23 900 000	MEAN

THELON RIVER ABOVE BEVERLY LAKE - STATION NO 06JC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	---	689	894	414	---	---	---	1970
1972	32.5	25.8	18.1	9.18	16.2	169	487	260	209	49.8	25.7	17.0	110	1972
1973	18.5	14.9	11.5	8.88	80.1	732	339	338	559	381	138	26.1	221	1973
1974	20.5	20.4	19.9	19.4	272	937	410	391	240	119	86.3	57.0	217	1974
1975	17.0	9.06	8.06	30.0	89.0	878	387	255	349	122	89.0	53.2	189	1975
1976	37.1	24.1	10.3	11.8	55.8	1 000	503	240	249	153	72.5	26.3	198	1976
1977	7.98	7.29	8.87	9.50	156	911	332	221	218	198	129	72.8	189	1977
1978	25.4	7.26	7.18	10.6	21.1	838	1 040	412	271	232	132	21.0	253	1978
1979	20.0	16.9	14.2	11.9	15.1	---	---	270	191	125	87.4	62.1	---	1979
1980	43.9	31.1	22.0	15.5	357	464	199	202	257	97.8	66.5	46.1	150	1980
1981	36.0	31.1	30.0	30.0	31.2	758	607	305	263	228	178	136	220	1981
1982	100	74.4	55.3	40.8	40.6	742	453	284	270	219	103	47.0	203	1982
1983	21.3	12.2	11.0	10.5	10.3	---	---	595	598	370	94.4	45.6	---	1983
1984	32.7	25.2	25.3	33.7	63.5	2 630R	856R	463R	612R	391 R	131 R	42.3R	423R	1984
1985	22.1	21.3	24.9	31.1	235	2 170	655	534	386	228	94.0	44.0	370	1985
1986	24.9	15.9	11.1	11.2	658	2 170	812	340	243	146	64.6	30.8	377	1986
MEAN	30.7	22.5	18.4	18.9	140	1 110R	529R	362R	363R	217 R	98.1R	48.8R	240	MEAN

LOCATION - LAT 64 31 53 N DRAINAGE AREA 65 800 km²
LONG 101 21 53 W NATURAL FLOW

R - REVISED SINCE JAN 1986

REMARKS - RECORDS ARE BEING REVIEWED

THELON RIVER ABOVE BEVERLY LAKE - STATION NO 06JC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1970	---	---	---	---	1970
1972	---	897E ON JUL 5	5 128 ON APR 11	3 480 000	1972
1973	---	1 140E ON JUN 15	8 418 ON APR 29	5 960 000	1973
1974	---	1 250E ON JUN 12	19.0 B ON MAY 9	6 830 000	1974
1975	---	1 390E ON JUN 17	9 068 ON JAN 15	5 960 000	1975
1976	---	1 570B ON JUN 19	5 558 ON MAR 28 *	6 280 000	1976
1977	---	1 490B ON JUN 5	5 668 ON FEB 22	5 970 000	1977
1978	---	1 640B ON JUN 30	5 558 ON FEB 17	7 870 000	1978
1979	---	---	---	---	1979
1980	872 AT 12 00 CST ON MAY 27	872 ON MAY 27	11.9 B ON MAY 2	4 750 000	1980
1981	---	1 230E ON JUN 14	30.0 B UN FEB 26	6 950 000	1981
1982	1 510 AT 01 00 CST ON JUN 6	1 440 ON JUN 5	32.0 B ON MAY 20	6 380 000	1982
1983	---	---	10.0 B ON MAY 24	---	1983
1984	5 290R AT 02 18 CST ON JUN 7 *	5 250R ON JUN 7 *	24.0 B ON FEB 27	13 400 000R	1984
1985	3 630 AT 14 28 CST ON JUN 5	3 590 ON JUN 6	20.8 B ON FEB 5	11 700 000	1985
1986	---	3 800A ON MAY 28	10.2 B ON MAR 28	11 900 000	1986
				7 580 000R	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1 1986

THELON RIVER BELOW OUTLET OF SCHULTZ LAKE - STATION NO 08MA006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	345	285	282	304	339	1 570	2 530	1 310	1 250	1 170	704	455	882	1983
1984	418	405	406	423	464	3 470	3 110	1 520	1 390	1 180	829	726	1 200	1984
1986	521	439	419	418	472	2 800	2 800	1 400	985	732	522	431	975	1986
MEAN	428	376	369	382	425	2 550	2 810	1 410	1 200	1 030	685	537	1 020	MEAN

LOCATION - LAT 64 46 23 N DRAINAGE AREA 152 000 km²
LONG 97 04 04 W NATURAL FLOW

THELON RIVER BELOW OUTLET OF SCHULTZ LAKE - STATION NO 08MA006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1983	3 890 AT 08 00 CST ON JUN 29	3 850 ON JUN 29	280E ON MAR 5 *	27 800 000	1983
1984	6 580 AT 14 16 CST ON JUN 22 *	6 570 ON JUN 23 *	366 ON JAN 2	37 800 000	1984
1986	3 610 AT 16 34 CST ON JUL 1	3 600 ON JUL 1	407 ON APR 1	30 900 000	1986
				32 200 000	MEAN

E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

THLEWIAZA RIVER ABOVE OUTLET SEALHOLE LAKE - STATION NO. 06MB002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	159	137	118	110	107	116	174	295	293	265	226	196	183	1978
1980	---	---	---	---	---	121	125	130	185	183	192	186	---	1980
1981	143	123	106	90.1	81.8	186	258	274	241	207	181	159	170	1981
1982	145	124	108	90.5	85.5	206	295	289	258	241	193	161	183	1982
1983	141	120	107	94.0	86.4	222	420	458	406	342	284	251	246	1983
1984	207	163	138	123	128	324	373	340	301	252	197	179	226	1984
1985	155	122	105	96.2	155	300	296	296	282	288	245	223	212	1985
1986	201	179	161	144	207	385	408	332	327	257	216	187	249	1986
MEAN	164	138	120	107	122	228	294	302	283	252	217	190	210	MEAN

LOCATION - LAT 60 47 02 N DRAINAGE AREA, 27 000 km²
LONG 98 46 40 W NATURAL FLOW

THLEWIAZA RIVER ABOVE OUTLET SEALHOLE LAKE - STATION NO. 06MB002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1978	---	306 ON AUG 27	108 B ON MAY 4	5 780 000	1978
1980	---	---	---	---	1980
1981	290 AT 18:10 CST ON AUG 6	286 ON AUG 1	80.5B ON MAY 16	5 350 000	1981
1982	318 AT 01:00 CST ON JUL 20	309 ON JUL 27	78.0B ON MAY 16 *	5 790 000	1982
1983	479 AT 06:54 CST ON AUG 1 *	476 ON AUG 1 *	79.9B ON MAY 24	7 750 000	1983
1984	385 AT 06:10 CST ON JUL 18	379 ON JUL 12	112 B ON MAY 4	7 200 000	1984
1985	---	307E ON JUN 14	85.0B ON MAY 6	6 700 000	1985
1986	---	428E ON JUL 19	137 B ON APR 28	7 850 000	1986
				6 630 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

THOA RIVER NEAR INLET TO HILL ISLAND LAKE - STATION NO. 07OC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	---	41.3	24.8	16.4	13.9	14.0	12.3	10.2	---	1969
1970	8.91	7.73	7.13	7.80	33.4	33.4	25.9	22.3	27.3	41.5	41.8	30.2	24.1	1970
1971	20.7	15.4	12.1	12.4	50.7	42.8	30.5	18.2	14.2	17.2	21.9	17.5	22.9	1971
1972	10.4	7.03	6.01	6.25	58.3	100	82.6	42.4	36.4	34.1	30.7	22.9	36.4	1972
1973	16.9	12.6	10.6	9.21	60.9	56.8	37.2	35.3	39.7	45.1	37.1	26.4	32.4	1973
1974	18.2	13.1	10.2	10.5	42.7	63.9	80.0	71.9	77.6	72.7	53.7	32.9	45.8	1974
1975	17.5	12.0	9.65	11.7	118	94.6	55.1	54.4	58.7	50.0	48.2	38.0	48.4	1975
1976	26.7	20.5	16.5	23.8	132	87.3	50.1	36.6	25.6	27.8	25.6	19.8	41.2	1976
1977	15.4	13.8	12.1	13.2	51.9	67.0	44.7	30.3	41.7	44.9	48.7	40.5	35.4	1977
1978	22.5	15.5	12.0	10.1	38.3	46.6	42.8	36.7	34.9	33.2	31.2	18.1	26.0	1978
1979	13.4	11.8	10.7	9.91	32.1	86.3	53.2	26.4	17.2	20.6	26.2	17.5	27.1	1979
1980	12.9	10.7	8.80	15.6	66.8	38.6	38.4	33.4	47.3	48.5	44.7	30.4	33.1	1980
1981	19.0	14.6	12.2	10.7	53.2	56.1	75.2	65.3	49.2	43.9	37.6	32.5	39.3	1981
1982	22.5	15.4	11.7	9.76	115	190	70.5	44.2	46.6	66.7	51.4	34.8	57.0	1982
1983	24.2	18.2	15.0	15.0	32.6	70.1	60.2	67.9	66.0	58.2	49.2	34.1	42.7	1983
1984	22.9	18.1	14.5	29.3	74.9	58.0	85.6	94.9	77.4	85.8	70.3	46.1	56.7	1984
1985	30.7	22.5	17.7	15.7	129	114	47.5	31.3	26.4	22.7	20.2	16.2	41.3	1985
1986	13.3	11.4	9.61	9.38	49.7	80.6	66.8	58.2	75.9	63.1	46.1	32.4	43.3	1986
MEAN	18.6	14.1	11.5	13.0	67.0	74.4	54.5	43.2	42.7	43.5	38.2	27.7	38.4	MEAN

LOCATION - LAT 60 30 18 N DRAINAGE AREA, 6 830 km²
LONG 109 38 56 W NATURAL FLOW

TNOA RIVER NEAR INLET TO HILL ISLAND LAKE - STATION NO. 07QC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	---	---	---	1969
1970	---	47.0E ON OCT 26	6.68 ON APR 3	701 000	1970
1971	---	56.9 ON MAY 12	9.29 ON APR 14	722 000	1971
1972	117 E ON JUN 22	117 E ON JUN 22	5.86B ON MAR 15 *	1 150 000	1972
1973	96.3 AT 18 00 ON MAY 20	96.0 ON MAY 20	8.92 ON APR 25	1 020 000	1973
1974	---	96.6 ON JUL 25	8.92 ON MAR 30	1 450 000	1974
1975	---	145 E ON MAY 20	9.00B ON APR 13	1 530 000	1975
1976	---	142 ON MAY 24	15.1 ON APR 7	1 300 000	1976
1977	---	73.1 ON JUN 8	10.6 ON APR 5	1 120 000	1977
1978	52.4 AT 07 20 MST ON MAY 20	52.4 ON MAY 20	9.66 ON APR 26	820 000	1978
1979	101 AT 13 00 MST ON JUN 3	100 ON JUN 2	9.38E ON MAY 11	857 000	1979
1980	---	90.7 ON MAY 8	7.78 ON APR 14	1 050 000	1980
1981	---	108 E ON JUL 26	9.37E ON APR 23	1 240 000	1981
1982	---	264 ON JUN 4 *	9.11 ON APR 21	1 800 000	1982
1983	78.0 AT 21 03 MST ON JUN 24	77.6 ON JUN 24	13.1 ON APR 16	1 350 000	1983
1984	133 AT 19 41 MST ON AUG 1 *	133 ON AUG 1	13.3 ON MAR 21	1 780 000	1984
1985	---	240 E ON MAY 20	14.5 ON DEC 31	1 300 000	1985
1986	85.6 AT 19 37 MST ON JUN 13	85.1 ON JUN 14	8.86 ON APR 3	1 360 000	1986
				1 210 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

THONOKIED RIVER NEAR THE MOUTH - STATION NO. 07RC001

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO DEC IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	---	---	---	---	---	---	0.020B	---	1980
1981	---	---	---	---	8.28 R	35.9R	27.9R	11.9R	5.24R	2.79R	0.192R	0 R	11.5 R	1981
1982	0	0	0	0	0.109	23.2	23.7R	11.3R	6.47R	3.48R	0.078R	0 R	8.53R	1982
1983	---	---	---	---	0.290R	84.9R	53.7R	24.4R	16.7 R	14.9 R	5.67 R	0.006R	35.0 R	1983
1984	---	---	---	---	3.69	43.3	28.4	14.3	12.6	9.59	4.68	1.02	14.6	1984
1985	0	0	0	0.170	8.28	44.3	31.6	20.7	12.2	8.30	1.04	0	15.5	1985
1986	0	0	0	0	2.38	59.7	30.6	14.0	9.63	5.88	1.25	0.502	15.4	1986
MEAN	0	0	0	0.057	3.84 R	48.6R	32.7R	16.1R	10.5 R	7.15R	2.15 R	0.221R	15.1	MEAN

LOCATION - LAT 64 08 49 N
LONG 108 55 02 W
DRAINAGE AREA, 1 780 km^2
NATURAL FLOW

R - REVISED SINCE JAN 1986

THONOKIED RIVER NEAR THE MOUTH - STATION NO. 07RC001

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO DEC FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	---	---	---	1980
1981	7.48 AT 09 20 MST ON JUN 9	41.6R ON JUN 13	0.08B ON MAY 1 *	243 000R	1981
1982	---	29.7E ON JUN 15	0B ON MAY 1	181 000R	1982
1983	---	161 RE ON JUN 21 *	0.08B ON MAY 1	536 000R	1983
1984	74.5 AT 20 43 MST ON JUN 6	53.7 ON JUN 12	0B ON MAY 1	309 000	1984
1985	114 AT 21 33 MST ON JUN 18 *	54.7 ON JUN 18	0B ON DEC 1	339 000	1985
1986	---	71.5E ON JUN 8	0B ON MAY 1	326 000	1986
				319 000R	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1 1986

TRAIL VALLEY CREEK NEAR INUVIK - STATION NO. 10ND002

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO DEC IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	2.12	2.37	0.271	0.503	0.254	---	---	---	---	1977
1978	---	---	---	---	---	2.29	0.803	---	---	---	---	---	---	1978
1979	0	0	0	0	0.785	0.892	0.087	0.382	1.10	0.108	0	0	0.389	1979
1980	0	0	0	0	0	---	0.051	0.736	0.867	0.001	0	0	---	1980
1981	0	0	0	0	0.833	2.16	1.14	0.733	0.258	0.020	0	0	0.844	1981
1982	0	0	0	0	0.010	2.68	0.133	0.031	0.139	0.091	0.014	0.001	0.404	1982
1983	0	0	0	0	0	1.60	0.008	0.006	0.057	0.013	0	0	0.207	1983
1985	0	0	0	0	1.28	0.982	0.022	0.001	0	0	0	0	0.282	1985
1986	0	0	0	0	0.001	1.73	0.018	0.048	0.082	0.006	0	0	0.231	1986
MEAN	0	0	0	0	0.626	1.84	0.281	0.303	0.344	0.034	0.002	0	0.360	MEAN

LOCATION - LAT 68 44 18 N
LONG 133 26 27 W
DRAINAGE AREA, 68.3 km^2
NATURAL FLOW

TRAIL VALLEY CREEK NEAR INUVIK - STATION NO. 10ND002

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO DEC FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1977	---	45.9 B ON MAY 31 +	0B ON MAY 1 +	---	1977
1978	---	7.088 ON JUN 7	0A ON AUG 26	---	1978
1979	---	4.268 ON MAY 27	0B ON MAY 1	8 230	1979
1980	---	---	0B ON MAY 1	---	1980
1981	---	7.208 ON MAY 30	0B ON MAY 1	13 600	1981
1982	---	5.13 ON JUN 9	0B ON MAY 1	8 550	1982
1983	---	5.008 ON JUN 3	0B ON MAY 1	6 370	1983
1985	---	7.008 ON MAY 31	0B ON MAY 1	9 970	1985
1986	9.47 AT 02:15 MST ON JUN 9 +	6.658 ON JUN 6	0B ON MAY 1	6 880	1986
				7 600	MEAN

A - MANUAL GAUGE
B - ICE CONDITIONS
+ - EXTREME RECORDED FOR THE PERIOD OF RECORD
(SEE REFERENCE INDEX)

TREE RIVER NEAR THE MOUTH - STATION NO. 10GA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	8.41	6.38	5.08	5.31	11.7	31.7	57.2	114	100	60.0	30.5	14.8	35.9	1969
1970	8.75	6.68	5.66	5.87	8.90	74.8	93.5	75.0	74.0	64.4	41.8	18.3	38.8	1970
1971	9.88	7.58	5.23	4.03	3.94	28.4	87.8	67.9	55.4	45.1	35.7	27.1	31.9	1971
1972	20.3	15.4	12.3	6.86	5.88	85.9	138	69.8	43.6	28.4	15.4	10.9	37.7	1972
1973	8.19	7.15	6.96	7.02	13.2	51.0	90.0	62.8	47.2	35.8	14.9	6.26	30.4	1973
1974	5.82	5.61	5.57	7.01	12.7	41.3	78.7	58.7	37.6	24.2	16.6	16.3	26.5	1974
1975	15.5	14.5	10.6	8.55	9.48	86.2	113	64.7	37.3	25.4	13.8	9.91	31.6	1975
1976	7.32	3.43	1.89	4.63	14.5	57.3	145	81.2	54.5	50.3	27.4	17.2	38.9	1976
1977	12.6	6.36	3.05	3.86	13.4	82.9	121	91.2	50.8	38.2	19.9	10.1	36.1	1977
1978	4.91	3.47	3.15	3.40	---	---	---	82.8	53.0	30.4	21.5	14.8	---	1978
1979	8.98	6.73	5.89	5.84	9.68	29.0	78.1	72.3	46.1	27.2	18.1	13.9	35.9	1979
1980	9.89	7.00	5.98	5.32	11.7	42.0	85.0	76.3	49.9	27.5	15.8	9.66	39.0	1980
1981	6.49	5.80	5.95	7.13	13.2	76.7	110	76.0	78.7	85.8	27.7	8.62	41.9	1981
1982	3.96	2.13	1.17	0.643	9.51	14.9	141	85.7	76.9	50.2	28.5	15.6	36.4	1982
1983	10.5	7.95	6.75	6.94	9.48	24.5	148	122	108	74.8	43.4	18.7	48.8	1983
1984	9.08	4.96	3.70	4.26	11.6	68.9	137	84.6	61.2	44.3	25.9	15.9	38.7	1984
1985	11.3	8.54	5.43	5.96	13.6	38.2	83.5	90.2	86.5	60.1	26.3	15.3	38.4	1985
1986	11.5	9.32	8.40	8.87	11.5	46.9	176	99.8	65.4	43.6	29.3	20.4	44.7	1986
MEAN	9.61	7.23	5.80	5.70	10.2	48.7	110	81.9	63.3	45.1	25.3	14.6	36.1	MEAN

LOCATION - LAT 67 36 03 N
LONG 133 54 32 W
DRAINAGE AREA, 5 810 km^2
NATURAL FLOW

TREE RIVER NEAR THE MOUTH - STATION NO. 10GA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	135 E ON AUG 26	4.81 B ON MAR 26	1 140 000	1969
1970	---	108 E ON JUN 26	5.38 B ON MAR 24	1 280 000	1970
1971	---	93.4 ON JUL 18	3.66 B ON APR 23	899 000	1971
1972	---	173 E ON JUL 3	5.46 B ON MAY 15	1 180 000	1972
1973	193 AT 23:30 0% JUL 4	102 ON JUL 3	5.80 B ON MAR 6	859 000	1973
1974	---	94.9 ON JUL 16	4.51 B ON MAR 1	837 000	1974
1975	141 AT 08:00 MST ON JUL 1	140 ON JUL 1	9.56 B ON APR 27	985 000	1975
1976	---	170 ON JUL 8	1.66 B ON MAR 23	1 230 000	1976
1977	---	127 E ON JUL 15	2.77 B ON MAR 22	1 140 000	1977
1978	101 AT 19:00 MST ON JUL 31	100 ON JUL 27	3.06 B ON APR 5	---	1978
1979	96.2 AT 03:21 MST ON JUL 21	98.0 ON JUL 21	5.32 B ON APR 17	868 000	1979
1980	94.1 AT 11:00 MST ON JUL 12	93.3 ON JUL 11	5.13 B ON APR 27	915 000	1980
1981	135 AT 02:10 MST ON JUN 29	139 ON JUN 29	3.65 B ON DEC 31	1 320 000	1981
1982	---	165 ON JUL 8	0.5008 ON MAY 10 +	1 150 000	1982
1983	191 AT 01:15 MST ON JUL 18	190 ON JUL 18	5.42 B ON MAR 28	1 660 000	1983
1984	143 AT 17:26 MST ON JUL 7	141 ON JUL 5	3.90 B ON MAR 24	1 220 000	1984
1985	---	121 E ON AUG 21	5.89 B ON MAR 30	1 210 000	1985
1986	208 AT 14:36 MST ON JUL 10 +	205 ON JUL 10 +	8.30 B ON MAR 12	1 410 000	1986
				1 140 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
+ - EXTREME RECORDED FOR THE PERIOD OF RECORD

TROUT RIVER AT HIGHWAY NO. 1 - STATION NO. 10FA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	---	---	---	20.5	23.3 R	11.2 R	3.26 R	0.991R	---	1969
1970	0.2900	0.2740	0.2290	0.2510	118 R	116 R	37.1	12.5	12.6	24.0 R	6.74 R	0.811R	27.7 R	1970
1971	0.240	0.155	0.100	38.7 E	174 R	65.7	30.1	12.9	5.30	3.25	0.686	0.141	27.8 R	1971
1972	0.101	0.041	0.001	1.66 E	218 R	156	53.8	27.1	12.5	6.26	1.50	0.337	35.9 R	1972
1973	0.199	0.134	0.129	2.85	78.1	109	127	45.3	35.2	19.2	2.95	1.50	35.4	1973
1974	1.23	0.388	0.308	8.27	185	134	68.4	58.6	45.5	24.6	12.3	5.62	42.6	1974
1975	2.03	1.43	1.87	22.6	188	83.6	32.8	34.4	28.7	29.6	7.56	2.21	28.2	1975
1976	0.958	0.461	0.329	35.8	200 R	115	52.4	72.9	117	52.5	14.2	2.71	55.5 R	1976
1977	0.850	0.850	0.956	7.91	180	177	96.2	61.8	29.0	16.1	3.19	0.809	41.6	1977
1978	0.533	0.499	0.468	1.88	98.3	73.9	48.7	22.5	11.5	7.06	1.55	0.232	22.4	1978
1979	0.118	0.104	0.099	0.884	115	159	82.0	32.7	23.0	21.2	3.75	0.190	35.0	1979
1980	0.082	0.084	0.067	5.95	21.6	21.8	21.7	11.5	8.64	10.7	1.12	0.107	8.72	1980
1981	0.027	0.0138	0.0038	0.1058	103	61.5	24.7	8.05	5.04	5.83	3.45	0.849	18.2 R	1981
1982	0.484	0.433	0.416	0.973	210	168	50.0	29.8	29.9	20.8	2.86	2.04	43.2	1982
1983	1.85	2.01	3.19	10.6	181	137	38.2	23.9	10.8	4.58	2.78	0.741	36.8	1983
1984	0.280	0.221	0.203	9.81	27.4	21.3	46.9	36.2	83.3	47.4	10.9	5.12	22.6	1984
1985	2.05	1.21	3.27	9.90	102	97.2	49.0	81.3	79.1	45.9	17.6	8.46	41.7	1985
1986	2.88	3.95	4.82	8.28	168	112	74.4	43.8	30.1	27.1	4.85	2.59	38.9	1986
MEAN	0.9039	0.7208	0.9888	9.70 E	137 R	105 R	53.7	35.3	31.7 R	21.3 R	5.62 R	2.03 R	33.2	MEAN

LOCATION - LAT 61 08 23 N DRAINAGE AREA, 9 270 km²
LONG 113 50 09 W NATURAL FLOW

R - REVISED SINCE JAN 1986

REMARKS - FORMERLY PUBLISHED AS "AT FORT SIMPSON HIGHWAY"

TROUT RIVER AT HIGHWAY NO. 1 - STATION NO. 10FA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)			MAXIMUM DAILY DISCHARGE (m³/s)		MINIMUM DAILY DISCHARGE (m³/s)		TOTAL DISCHARGE (dam³)	YEAR
1969		---		---		---		---	1969
1970		---		300	RE ON MAY 20	0.200RB	ON APR 20	871 000R	1970
1971		---		250	RE ON MAY 2	0.0458	ON APR 13	878 000R	1971
1972		---		340	RE ON MAY 8	0 B	ON MAR 6 *	1 260 000R	1972
1973	316	AT 01 00 MST 09 JUL 0		214	ON JUL 1	0.1138	ON MAR 12	1 110 000	1973
1974	338	AT 07 00 MST 09 MAY 10		238	ON MAY 15	0.2978	ON FEB 20	1 340 000	1974
1975		---		127	E ON MAY 4	1.41 B	ON FEB 5	888 000	1975
1976	385 R	AT 01 00 MST 09 MAY 5		282	R ON MAY 4	0.3118	ON MAR 27	1 750 000R	1976
1977	314	AT 05 10 MST 09 JUN 5		311	ON JUN 5	0.6238	ON DEC 31	1 310 000	1977
1978		---		131	A ON MAY 5	0.1708	ON DEC 26	707 000	1978
1979	278	AT 23 30 MST 09 MAY 29		275	ON MAY 29	0.0969	ON MAR 21	1 100 000	1979
1980	44.9	AT 14 40 MST 09 JUL 18		43.5	ON JUL 18	0.0358	ON MAR 17	276 000	1980
1981		---		216	A ON MAY 9	0.0028B	ON MAR 14	574 000R	1981
1982	554 E		09 MAY 20 *	522	E ON MAY 20 *	0.3958	ON APR 9	1 380 000	1982
1983	288	AT 03 24 MST 09 MAY 24		266	ON MAY 28	0.4008	ON DEC 28	1 130 000	1983
1984	82.2	AT 19 36 MST 09 SEP 7		81.7	ON SEP 7	0.2018	ON MAR 26	715 000	1984
1985		---		152	E ON MAY 14	1.00 B	ON FEB 9	1 310 000	1985
1986		---		221	ON MAY 12	2.10 B	ON DEC 31	1 230 000	1986
								1 050 000R	MEAN

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1 1986
(SEE REFERENCE INDEX)

TROUT RIVER NEAR OUTLET OF TROUT LAKE - STATION NO. 10FA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1987	---	1.82	2.91	4.85	74.7	112	42.4	18.9	8.31	5.38	1.11	0.070	---	1987
1988	---	---	---	---	---	---	73.0	55.5	62.9	38.6	15.5	---	---	1988
MEAN	---	1.82	2.91	4.85	74.7	112	57.7	36.4	30.6	22.1	8.31	0.070	---	MEAN

LOCATION - LAT 60 46 00 N
LONG 121 09 30 W NATURAL FLOW

TROUT RIVER NEAR OUTLET OF TROUT LAKE - STATION NO. 10FA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1987	---	151 ON MAY 31 *	0.0288 ON DEC 28	---	1987
1988	---	89.5 ON JUN 19	0 A ON FEB 24 *	---	1988
				---	MEAN

A - MANUAL GAUGE
B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
(SEE REFERENCE INDEX)

TSICHU RIVER AT CANOL ROAD - STATION NO. 10HA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	---	---	---	---	---	---	2.28	0.851	0.373	---	1975
1976	0.281	0.237	0.225	0.283	1.28	16.3	12.8	4.49	2.95	2.36	1.09	0.488	3.56	1976
1977	0.328	0.316	0.314	0.314	0.495	7.14	8.15	4.77	1.83	1.28	0.612	0.299	2.18	1977
1978	0.196	0.159	0.186	0.237	2.51	17.4	8.84	5.50	2.11	1.79	0.986	0.298	3.34	1978
1979	0.060	0.056	0.063	0.058	2.53	19.9	10.8	5.59	2.74	2.16	1.05	0.345	3.77	1979
1980	0.191	0.180	0.199	0.233	1.47	11.0	8.10	5.38	2.94	2.44	0.832	0.352	2.87	1980
1981	0.289	0.294	0.225	0.226	9.56	9.00	5.80	3.46	3.92	2.35	1.47	0.737	3.21	1981
1982	0.415	0.175	0.120	0.117	1.77	16.1	8.13	5.01	2.60	1.53	0.514	0.345	3.07	1982
1983	0.257	0.227	0.230	0.236	1.12	25.9	10.7	5.93	2.84	0.517	0.554	0.270	4.05	1983
1984	0.120	0.088	0.081	0.216	6.89	18.9	8.04	4.78	2.74	1.05	0.430	0.269	3.63	1984
1985	0.122	0.120	0.089	0.041	2.17	18.4	15.0	4.78	2.81	0.913	0.375	0.318	3.77	1985
1986	0.246	0.106	0.085	0.154	0.851	18.3	14.1	5.46	3.12	1.46	0.300	0.215	3.70	1986
MEAN	0.226	0.174	0.181	0.190	2.78	16.2	10.1	5.11	2.78	1.67	0.737	0.359	3.38	MEAN

LOCATION - LAT 63 18 11 N DRAINAGE AREA, 219 km²
LONG 129 47 43 W NATURAL FLOW

TSICHU RIVER AT CANOL ROAD - STATION NO. 10HA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1975	---	---	---	---	1975
1976	---	24.9E ON JUN 8	0.2188 ON MAR 31	112 000	1976
1977	15.8 AT 10 30 MST ON JUL 9	13.1 ON JUL 9	0.2358 ON DEC 31	68 200	1977
1978	35.1 AT 22 30 MST ON JUN 8	30.0 ON JUN 8	0.1138 ON DEC 28	105 000	1978
1979	28.7 AT 23 30 MST ON JUN 3	26.0 ON JUN 12	0.0458 ON JAN 15	119 000	1979
1980	---	14.5 ON JUL 1	0.1808 ON JAN 26	80 700	1980
1981	27.1 AT 00 03 MST ON MAY 29	23.4 ON MAY 29	0.1868 ON MAY 3	101 000	1981
1982	32.3 AT 22 25 MST ON JUN 11	27.4 ON JUN 12	0.1148 ON APR 22	87 000	1982
1983	48.5 AT 06 26 MST ON JUN 22 *	42.4 ON JUN 22	0.1808 ON DEC 31	126 000	1983
1984	---	47.9 ON MAY 28 *	0.0768 ON MAR 13	115 000	1984
1985	38.5 AT 02 13 MST ON JUL 3	32.6 ON JUL 2	0.0328 ON APR 3 *	119 000	1985
1986	31.3 AT 01 58 MST ON JUN 21	29.5 ON JUN 21	0.0568 ON FEB 22	117 000	1986
				107 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

TULUGAK RIVER ON BROUGHTON ISLAND - STATION NO. 10UE001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	---	---	---	0.244	0.189	---	---	---	---	---	1975
1976	---	---	---	---	---	---	1.62	0.550	---	---	---	---	---	1976
1977	---	---	---	---	---	---	---	0.137	0.042	---	---	---	---	1977
1979	---	---	---	---	---	---	---	0.467	0.227	---	---	---	---	1979
1980	---	---	---	---	---	---	---	0.318	0.162	---	---	---	---	1980
1981	---	---	---	---	---	---	---	0.348	---	---	---	---	---	1981
1982	---	---	---	---	---	2.01	0.176	0.148	0.011	---	---	---	---	1982
1983	---	---	---	---	---	0.879	2.95	0.299	0.038	---	---	---	---	1983
MEAN	---	---	---	---	---	1.44	1.22	0.307	0.096	---	---	---	---	MEAN

LOCATION - LAT 67 33 40 N DRAINAGE AREA, 27.4 km²
LONG 63 58 54 W NATURAL FLOW

TULUGAK RIVER ON BROUGHTON ISLAND - STATION NO. 10UE001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1975	---	---	---	---	1975
1976	---	---	---	---	1976
1977	---	---	---	---	1977
1979	---	---	---	---	1979
1980	---	---	---	---	1980
1981	---	---	---	---	1981
1982	8.51 AT 17 47 CST ON JUN 26 *	6.60A ON JUN 23 *	0B ON JUN 1 *	---	1982
1983	---	---	---	---	1983
				---	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

TWITYA RIVER NEAR THE MOUTH - STATION NO 10HA003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	---	---	---	---	---	---	---	---	---	---	---	---	---	1979
1980	---	---	---	---	---	---	---	---	---	61.4B	15.2B	12.3 B	---	1980
1982	7.82	5.29	4.75	4.99	67.1	220	130	139	51.1	32.5	15.0	13.2	58.6	1982
1983	11.0	9.25	7.67	8.18	85.7	274	119	133	53.9	26.2	12.1	10.5	63.5	1983
1984	6.95	4.40	3.66	5.83	---	---	114	85.0	48.0	27.5	12.1	9.58	---	1984
1985	7.82	6.86	5.98	5.40	51.8	244	169	119	59.0	32.6	12.0	9.36	62.1	1985
1986	7.43	5.87	5.72	5.36	33.7	270	170	145	81.0	26.5	11.5	9.75	64.8	1986
MEAN	8.18	6.34	5.84	6.15	59.6	252	144	127	62.6	31.8R	13.0R	10.8 R	62.3	MEAN

LOCATION - LAT 64 09 36 N DRAINAGE AREA, 5 590 km²
LONG 128 17 57 W NATURAL FLOW

R - REVISED SINCE JAN 1986

TWITYA RIVER NEAR THE MOUTH - STATION NO 10HA003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1979	351R AT 22 30 MST ON JUN 8	---	---	---	1979
1980	---	---	---	---	1980
1982	377 AT 06 16 MST ON JUN 13	350 ON JUN 12	4 708 ON MAR 12	1 850 000	1982
1983	841 AT 06 36 MST ON JUN 1 *	760 ON JUN 1 *	7 208 ON APR 16	2 000 000	1983
1984	---	---	3 808 ON MAR 14 *	---	1984
1985	479 AT 10 31 MST ON JUN 5	435 ON JUN 6	5 108 ON APR 10	1 980 000	1985
1986	583 AT 09 12 MST ON JUN 8	502 ON JUN 8	5 398 ON FEB 26	2 040 000	1986
				1 960 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1 1986

UNION RIVER AT OUTLET OF STANWELL-FLETCHER LAKE - STATION NO 10TN002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	---	---	---	---	---	---	---	40.9	---	---	---	---	---	1979
MEAN	---	---	---	---	---	---	---	40.9	---	---	---	---	---	MEAN

LOCATION - LAT 72 44 00 N DRAINAGE AREA, 1 970 km²
LONG 94 28 00 W NATURAL FLOW

DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

REMARKS - ADDITIONAL HYDROLOGIC AND GEOMORPHOLOGIC DATA ARE AVAILABLE

WALDRON RIVER NEAR THE MOUTH - STATION NO 07SC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	1.38	0.964	0.739	0.697	3.89	36.7	24.3	9.28	4.91	3.23	2.78	2.13	7.51	1979
1980	1.68	1.41	1.18	---	---	---	---	3.24	2.43	2.13R	1.86R	1.36 R	---	1980
1981	1.51 R	1.32 R	1.21 R	1.21 R	1.92 R	9.48R	12.2R	6.20R	3.23R	1.95R	1.15R	0.825R	3.53R	1981
1982	0.716R	0.621R	0.516	0.420	0.493	12.6	12.5	6.79	3.42	4.78	2.76	1.90	4.22R	1982
1983	1.38	0.995	0.707	0.517	0.386	6.74	17.3	20.7	18.2	15.1	12.1	6.16	8.41	1983
1984	3.26	1.24	0.881	0.894	3.87	21.3	15.9	9.07	5.23	5.36	4.25	2.48	6.58	1984
1985	1.44	1.05	0.721	0.519	9.48	37.0	20.7	13.0	8.70	6.08	4.18	2.15	8.77	1985
1986	1.60	1.14	0.788	0.647	3.91	46.1	28.2	10.3	4.96	2.85	2.23	1.83	8.70	1986
MEAN	1.49 R	1.09 R	0.843R	0.686R	4.14 R	24.3 R	18.7R	9.82R	5.78R	5.19R	3.91R	2.32 R	6.82	MEAN

LOCATION - LAT 83 02 53 N DRAINAGE AREA, 1 830 km²
LONG 110 29 15 W NATURAL FLOW

R - REVISED SINCE JAN 1986

WALDRON RIVER NEAR THE MOUTH - STATION NO 07SC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1979	48.5 AT 03 35 MST ON JUN 18	45.3 ON JUN 17	0.564B ON APR 23	237 000	1979
1980	---	---	---	---	1980
1981	---	13.3RE ON JUL 2	0.786RB ON DEC 31	111 000R	1981
1982	---	18.6 ON JUN 14	0.390E ON APR 27	133 000R	1982
1983	32.5 AT 10 32 MST ON AUG 20	23.4 ON AUG 23	0.350E ON MAY 30 *	265 000	1983
1984	33.3 AT 15 25 MST ON JUN 13	23.2 ON JUN 12	0.805 ON MAR 24	208 000	1984
1985	43.3 AT 19 40 MST ON JUN 7	43.1 ON JUN 8	0.481 ON APR 27	276 000	1985
1986	53.4 AT 11 04 MST ON JUN 14 *	53.1 ON JUN 14 *	0.539 ON MAY 8	275 000	1986
				215 000R	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED R - REVISED SINCE JAN 1 1986

NORTHWEST TERRITORIES

WECHO RIVER AT OUTLET OF INGLIS LAKE - STATION NO 07SA005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	---	---	---	5.828	7.248	5.664	5.368	---	1983
1984	7.98	6.98	5.84	5.20	24.8	32.3	28.9	22.4	17.0	13.8	12.3	9.33	59.9	1984
1985	6.82	5.10	4.55	4.10	15.1	41.0	31.7	13.5	10.2	8.47	7.56	6.68	13.1	1985
1986	5.75	5.04	4.54	4.16	5.76	31.5	29.3	17.2	13.2	9.96	8.33	6.95	11.9	1986
MEAN	6.85	5.58	4.88	4.49	15.5	34.9	29.9	18.0	11.6 R	9.878	8.468	8.228	13.1	MEAN

LOCATION - LAT 63 10 37 N
LONG 115 11 33 W
DRAINAGE AREA, 3 400 km²
NATURAL FLOW

R - REVISED SINCE JAN 1986

WECHO RIVER AT OUTLET OF INGLIS LAKE - STATION NO 07SA005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	---	---	---	---	1983
1984	40.9 AT 10 37 MST ON MAY 29	40.6 ON MAY 28	4.51E ON APR 9	486 000	1984
1985	49.7 AT 21 23 MST ON JUN 6 *	48.6 ON JUN 5 *	3.99 ON APR 22	361 000	1985
1986	36.5 AT 19 16 MST ON JUN 22	36.4 ON JUN 22	3.94A ON MAY 2 *	370 000	1986
				413 000	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX)
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WELDON CREEK NEAR THE MOUTH - STATION NO 10LA004

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	0	0	0	0	2.14	---	---	0.288	0.235	0.220	0.004	0	---	1978
1979	0	0	0	0.007	25.2	3.82	1.25	0.230	2.35	3.45	0.021	0	5.67	1979
1980	0	0	0	0	30.3	5.07	0.238	0.683	1.12	0.621	0.055	0	6.36	1980
1981	0	0	0	0.019	18.8	11.1	7.45	3.06	2.81	2.64	0.439	0	7.87	1981
1982	0	0	0	0	23.6	24.8	1.53	0.652	0.677	0.208	0.001	0	8.47	1982
1983	0	0	0	0	6.35	19.9	0.888	0.643	1.12	2.56	0.030	0	5.15	1983
1984	0	0	0	0	28.4	11.8	2.75	8.06	7.11	2.08	0.477	0	9.50	1984
1985	0	0	0	0	22.1	4.62	0.871	0.101	0.585	0.239	0	0	4.75	1985
1986	0	0	0	0	11.1	15.8	0.431	1.84	1.70	0.242	0	0	5.11	1986
MEAN	0	0	0	0.003	18.8	12.0	1.90	1.37	1.85	1.29	0.114	0	6.64	MEAN

LOCATION - LAT 66 24 48 N
LONG 132 41 41 W
DRAINAGE AREA, 852 km²
NATURAL FLOW

WELDON CREEK NEAR THE MOUTH - STATION NO 10LA004

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	---	---	0 E ON MAY 1 *	---	1978
1979	---	49.68 ON MAY 17	0.138 ON AUG 24	93 400	1979
1980	---	120 E ON MAY 24	0 E ON MAY 1	191 000	1980
1981	---	44.0 ON MAY 7	0.3608 ON MAY 1	135 000	1981
1982	---	126 E ON MAY 26 *	0 E ON MAY 1	135 000	1982
1983	---	123 E ON MAY 31	0 E ON MAY 1	43 100	1983
1984	---	100 E ON MAY 15	0 E ON MAY 1	151 000	1984
1985	---	59.08 ON MAY 30	0 E ON MAY 1	75 500	1985
1986	---	58.08 ON JUN 1	0 E ON MAY 1	81 100	1986
				106 000	MEAN

E - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WHITE BEAR CREEK NEAR BRADFORD ISLAND - STATION NO 10YC014

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	---	0.356	0.057	---	---	---	---	---	1978
MEAN	---	---	---	---	---	---	0.356	0.057	---	---	---	---	---	MEAN

LOCATION - LAT 75 39 02 N
LONG 101 19 02 W
DRAINAGE AREA, 14.2 km²
NATURAL FLOW

REMARKS - ADDITIONAL HYDROLOGIC AND GEOMORPHOLOGIC DATA ARE AVAILABLE

WHITEFISH RIVER NEAR THE MOUTH - STATION NO 10JD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	---	---	12 2	2 14	1 16	0 881	0 498	0 149	---	1977
1978	0 022	0 004	0 007	0 008	13 9	86 9	24 4	5 42	2 95	3 20	1 58	0 978	9 95	1978
1979	0 412	0 101	0 042	0 080	72 1	46 9	7 60	1 28	2 23	2 21	1 30	0 935	11 3	1979
1980	0 559	0 160	0	0 120	131	58 2	8 85	4 16	6 97	5 35	2 56	0 636	18 3	1980
1981	---	---	---	---	---	20 3	9 83	2 55	1 17	2 84	2 19	1 39	---	1981
1982	0	0	0	0	39 1	86 3	19 3	9 48	4 41	2 84	2 04	1 25	14 6	1982
1983	0 675	0 273	0 078	0 030	10 8	141	23 2	5 13	3 26	2 95	1 98	1 09	15 8	1983
1984	0 510	0 161	0 007	0	84 3	29 5	6 57	9 36	42 0	14 8	5 21	1 86	14 6	1984
1985	0 588	0 059	0	0 039	103	47 2	9 17	3 17	1 72	1 44	0 763	0 411	14 1	1985
1986	0 192	0 041	0	0	32 7	61 8	9 16	1 45	0 922	0 840	0 380	0 631	9 01	1986
MEAN	0 387	0 100	0 017	0 035	58 4	63 1	13 0	4 42	6 68	3 74	1 85	0 933	13 5	MEAN

LOCATION - LAT 65 44 04 N DRAINAGE AREA, 4 740 km²
LONG 124 37 22 W NATURAL FLOW

WHITEFISH RIVER NEAR THE MOUTH - STATION NO 10JD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1977	---	---	---	---	1977
1978	81 0 AT 14 00 MST ON JUN 11	80 1 ON JUN 11	0 0048 ON JAN 30	313 000	1978
1979	220 AT 03 10 MST ON MAY 18	198 ON MAY 18	0 0168 ON FEB 23	356 000	1979
1980	286 AT 14 05 MST ON MAY 15 *	284 ON MAY 15 *	0 B ON FEB 21 *	579 000	1980
1981	---	---	---	---	1981
1982	---	177 E ON MAY 28	0 B ON JAN 1	460 000	1982
1983	---	257 B ON JUN 1	0 0308 ON MAR 30	497 000	1983
1984	---	165 B ON MAY 17	0 B ON MAR 10	460 000	1984
1985	---	230 B ON MAY 18	0 B ON FEB 19	443 000	1985
1986	117 B AT 17 37 MST ON MAY 27	117 B ON MAY 27	0 B ON FEB 27	284 000	1986
				424 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WHITESAND RIVER NEAR ALTA/NWT BOUNDARY - STATION NO 07PA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1986	0 449	0 408	0 508	12 6	129	71 0	---	---	---	---	---	---	---	1986
MEAN	0 449	0 408	0 508	12 6	129	71 0	---	---	---	---	---	---	---	MEAN

LOCATION - LAT 60 00 17 N DRAINAGE AREA, 3 410 km²
LONG 115 34 44 W NATURAL FLOW

WILLOWLAKE RIVER ABOVE METAHDALI CREEK - STATION NO 10GB006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	7 98R	6 58R	4 86R	5 99R	474R	149 R	43 0R	75 6 R	29 5 R	79 2 R	19 4 R	9 40R	76 3R	1975
1976	7 40R	5 69R	4 21R	33 8 R	316R	120 R	39 7R	66 6 R	65 6 R	24 6 R	8 68R	4 80R	58 6R	1976
1977	6 84R	4 42R	3 47R	5 13R	224R	81 9R	38 8R	9 62R	8 73R	9 08R	5 39R	3 41R	33 7R	1977
1978	2 93R	2 15R	1 66R	1 91R	209R	124 R	114 R	46 4 R	18 7 R	16 1 R	8 14R	5 07R	46 2R	1978
1979	4 33R	2 58R	2 08R	2 99R	354R	151 R	43 4R	24 9 R	16 8 R	13 2 R	5 81R	3 98R	52 5R	1979
1980	2 91R	2 43R	2 17R	34 9 R	177R	59 4R	26 0R	11 0 R	26 0 R	27 1 R	6 69R	3 58R	31 8R	1980
1981	2 48R	2 05R	1 88R	2 42R	224R	69 6R	77 1R	28 5 R	37 0 R	114 R	37 1 R	21 2 R	52 0R	1981
1982	8 28R	4 44R	3 44R	3 84R	449R	295 R	87 7R	154 R	187 R	81 0 R	25 6 R	20 5 R	109 R	1982
1983	12 1 R	5 23R	3 80R	4 99R	302R	288 R	85 8R	92 4 R	40 9 R	21 7 R	12 5 R	8 85R	70 3R	1983
1984	3 36R	2 52R	3 39R	31 7 R	197R	60 3R	187 R	96 5 R	121 R	79 5 R	13 9 R	7 30R	67 4R	1984
1985	3 13R	2 05R	2 32R	4 22R	654R	234 R	111 R	83 4 R	33 2 R	22 8 R	11 7 R	8 07R	86 9R	1985
1986	6 47R	4 76R	3 75R	3 35R	346R	264 R	154 R	116 R	84 1 R	69 7 R	13 4 R	10 7 R	91 3R	1986
MEAN	5 68R	3 74R	3 08R	11 3 R	327R	156 R	82 3R	85 6 R	54 9 R	46 5 R	14 0 R	8 91R	65 5	MEAN

LOCATION - LAT 62 39 01 N DRAINAGE AREA, 20 200 km²
LONG 122 53 51 W NATURAL FLOW

R - REVISED SINCE JAN 1986

REMARKS - FORMERLY PUBLISHED AS "NEAR THE MOUTH". RECORDS PRIOR TO 1975 PUBLISHED UNDER 10GB001

NORTHWEST TERRITORIES

WILLOWLAKE RIVER ABOVE METAHDALI CREEK - STATION NO 10GB006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1975	858E ON MAY 1	858E ON MAY 8	4.28B ON MAR 31	2 400 000	1975
1976	---	595B ON MAY 2	3.85B ON APR 2	1 850 000	1976
1977	456 AT 16 10 MST ON MAY 16	450 ON MAY 15	3.37B ON FEB 23	1 080 000	1977
1978	411 AT 03 20 MST ON MAY 8	402 ON MAY 9	1.42B ON APR 3 *	1 480 000	1978
1979	750 AT 15 50 MST ON MAY 16	744 ON MAY 15	1.95B ON APR 1	1 680 000	1979
1980	370 AT 04 50 MST ON MAY 2	344 ON MAY 2	2.10B ON MAR 24	1 000 000	1980
1981	---	848 ON MAY 9	1.85B ON MAR 21	1 640 000	1981
1982	1 250 AT 16 18 MST ON MAY 21 *	1 240 ON MAY 21	3.30B ON APR 2	3 440 000	1982
1983	679 AT 16 25 MST ON MAY 29	670 ON MAY 30	3.70B ON MAR 8	2 220 000	1983
1984	530 AT 20 54 MST ON JUL 4	519 ON JUL 4	2.50B ON FEB 7	2 130 000	1984
1985	---	1 610A ON MAY 13 *	1.80B ON FEB 26	3 050 000	1985
1986	---	740E ON MAY 13	3.20B ON APR 25	2 880 000	1986
				2 070 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WILLOWLAKE RIVER BELOW METAHDALI CREEK - STATION NO 10GB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1964	13.4	8.78	6.82	5.49	---	---	87.3	43.6	52.5	46.9	25.9	13.7	---	1964
1965	10.5	7.77	5.02	---	---	243	69.3	32.4	19.0	23.0	7.77	4.68	---	1965
1966	3.05	3.24	2.28	2.34	188	187	83.4	35.1	19.4	23.5	13.4	9.74	47.0	1966
1967	7.20	6.21	7.01	8.37	552	280	65.7	32.8	18.8	16.4	9.69	7.04	85.8	1967
1968	6.22	5.21	5.10	4.69	133	167	88.4	19.8	108	49.0	---	---	---	1968
1969	8.31	5.66	4.90	---	---	117	58.4	55.9	42.5	25.8	12.1	8.25	---	1969
1970	6.83	5.84	5.20	6.84	183	168	---	184	138	96.8	30.5	19.3	---	1970
1971	14.8	12.0	8.28	---	---	144	36.5	48.6	55.0	30.0	9.52	5.09	---	1971
1972	4.53	4.26	3.86	3.84	204	196	96.4	44.3	26.7	14.3	11.2	7.43	51.6	1972
1973	5.08	3.75	3.88	15.6	413	95.3	54.0	76.7	48.6	17.2	4.38	4.85	62.8	1973
1974	4.73	3.71	3.37	3.74	288	194	70.7	45.1	41.5	26.2	15.3	8.65	60.0	1974
MEAN	7.61	5.04	5.15	6.34	282	181	69.0	54.4	51.9	33.6	14.0	8.87	61.4	MEAN

LOCATION - LAT 62 39 10 N LONG 122 54 21 W
DRAINAGE AREA, 20 500 km^2
NATURAL FLOW

REMARKS - FORMERLY PUBLISHED AS "NEAR THE MOUTH" RECORDS SUBSEQUENT TO 1974 PUBLISHED UNDER 10GB006 RECORDS ARE BEING REVIEWED

WILLOWLAKE RIVER BELOW METAHDALI CREEK - STATION NO 10GB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1964	---	---	5.18B ON APR 21	---	1964
1965	510 AT 09 40 MST ON JUN 15	504 ON JUN 15	---	---	1965
1966	---	654 ON MAY 29	1.42B ON MAR 8 *	1 480 000	1966
1967	---	9748 ON MAY 14	5.69B ON DEC 31	2 710 000	1967
1968	311 AT 04 00 MST ON JUN 29	289 ON JUN 29	4.50B ON MAY 2	---	1968
1969	---	---	---	---	1969
1970	---	389 ON AUG 20	4.67B ON APR 8	---	1970
1971	---	---	4.64B ON DEC 27	---	1971
1972	---	595B ON MAY 26	3.54B ON APR 8	1 630 000	1972
1973	---	850A ON MAY 7	3.23B ON MAR 6	1 980 000	1973
1974	1 100 AT 20 00 MST ON MAY 15 *	1 050 ON MAY 15 *	3.31B ON MAR 6	1 890 000	1974
				1 940 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WRIGLEY RIVER NEAR THE MOUTH - STATION NO 10HB003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	---	---	---	---	0.787	0.623	0.310	0.057B	---	1977
1978	0	0	0	0.186	16.0	11.1	29.5	3.27	2.18	1.07	0.223	0.125	5.37	1978
1979	0.004B	0	0	0.528	28.9	5.46B	3.19B	2.42B	2.22 B	2.19 B	0.324	0.010	3.82B	1979
1980	0	0	0	2.73	17.9	8.09	3.72	11.9	8.47	3.01	0.672	0.020	4.57	1980
1981	0	0	0	0.534	22.4	2.29	5.80	2.61	1.73	3.85	0.583	0.100	3.38	1981
1982	0	0	0	0.614	56.6	34.4	18.3	41.2	27.8	7.83	1.03	0.682	15.8	1982
1983	0.598	0.571	0.516	0.558	42.2	26.4	3.18	7.18	2.48	0.908	0.260	0.006	7.12	1983
1984	0	0	0	4.81	10.3	18.9	26.3	16.4	14.2	4.72	0.172	0.043	8.00	1984
1985	0.002B	0	0	0.107	101	21.1	10.5	4.80	1.47	2.11	1.20	0.705	12.1 B	1985
1986	0.544	0.514	0.427	0.193	49.5	23.7	6.90	19.2	13.0	3.96	1.31	0.504	10.1	1986
MEAN	0.127B	0.121	0.105	1.12	38.3	18.6 B	11.9 B	12.1 B	7.43 B	3.03 B	0.609	0.225B	7.81	MEAN

LOCATION - LAT 63 10 34 N LONG 123 41 25 W
DRAINAGE AREA, 1 230 km^2
NATURAL FLOW

B - REVISED SINCE JAN 1986

REMARKS - FLOWS ABOVE 400 m^3/s WERE ESTIMATED AND SHOULD BE USED WITH DISCRETION

WRIGLEY RIVER NEAR THE MOUTH - STATION NO 10HB003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1977	---	---	---	---	1977
1978	274 A AT 19 00 MST ON JUL 24	184 E ON JUL 25	0 B ON JAN 1 *	169 000	1978
1979	---	78.48 ON MAY 15	0 B ON JAN 15	121 000R	1979
1980	84 IRA ON AUG 4	63.2E ON AUG 4	0 B ON JAN 1	135 000	1980
1981	---	75.88 ON MAY 4	0 B ON JAN 1	105 000	1981
1982	306 AT 18 17 MST ON AUG 11	229 ON AUG 12	0 B ON JAN 1	499 000	1982
1983	174 AT 01 44 MST ON MAY 29	140 ON MAY 28	0 B ON DEC 11	225 000	1983
1984	97.0 AT 17 23 MST ON JUL 28	87.9 ON JUL 28	0 B ON JAN 1	253 000	1984
1985	889 E AT 22 52 MST ON MAY 21 *	478 E ON MAY 22 *	0 B ON JAN 11	382 000R	1985
1986	180 AT 17 22 MST ON JUN 25	142 ON JUN 25	0.0428 ON APR 28	318 000	1986
				246 000R	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 1 1985

YELLOWKNIFE RIVER AT INLET TO PROSPEROUS LAKE - STATION NO 07SB003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1939	15.5	13.3	12.6	11.1	12.7	14.4	13.6	15.3	16.4	15.6	---	---	---	1939
1940	12.4	11.6	10.7	10.1	10.8	13.1	13.3	---	---	---	---	---	---	1940
1941	---	23.3	19.1	15.2	16.3	31.8	85.1	51.2	32.5	23.2	19.4	16.6	---	1941
1942	15.0	12.8	12.5	14.5	18.6	19.5	15.1	19.0	18.9	20.2	19.5	17.4	17.0	1942
1943	14.8	13.7	14.7	21.0	20.3	17.0	18.1	18.9	24.2	23.5	23.4	23.4	19.3	1943
1944	21.6	18.6	15.9	14.9	19.7	21.4	49.5	47.3	33.3	25.5	21.1	18.6	25.7	1944
1945	16.2	13.9	12.0	10.6	10.7	15.8	15.2	14.0	16.8	20.8	22.0	21.7	15.8	1945
1946	18.8	16.0	13.6	11.8	25.1	33.6	26.9	29.1	24.0	20.8	17.1	15.5	21.2	1946
1947	15.6	13.9	13.8	13.8	20.4	22.6	16.7	41.8	33.7	25.7	23.2	20.8	21.9	1947
1948	18.6	16.0	15.3	13.5	16.8	18.2	17.0	30.0	39.1	46.6	48.1	43.4	26.9	1948
1949	36.7	28.6	22.9	19.1	23.5	33.6	54.6	48.7	31.8	23.6	19.1	15.7	29.9	1949
1950	15.0	14.8	15.6	15.7	18.4	19.9	17.7	18.2	22.1	19.1	18.0	14.0	17.2	1950
1951	11.9	10.6	13.0	12.7	15.3	16.1	24.1	36.6	29.8	25.5	22.4	18.7	20.0	1951
1952	15.9	14.1	15.8	15.6	39.0	66.3	67.3	51.9	46.0	38.8	32.6	28.6	36.4	1952
1953	25.3	22.2	18.3	15.1	16.8	18.2	15.6	15.9	21.8	23.7	28.0	31.9	21.1	1953
1954	28.5	24.1	21.1	17.2	23.2	31.6	29.4	36.0	28.6	24.7	22.4	21.7	25.7	1954
1955	21.0	19.2	17.8	17.1	20.1	32.0	60.5	45.1	33.6	26.1	22.0	19.1	27.9	1955
1956	17.0	15.4	15.0	14.3	16.3	14.3	21.0	24.4	24.4	25.3	23.9	18.8	19.8	1956
1957	21.8	19.7	17.3	16.1	18.3	26.3	65.2	79.4	59.9	43.7	33.9	28.3	38.0	1957
1958	24.9	21.1	18.3	16.0	35.5	49.5	58.0	48.2	46.3	42.1	37.1	33.2	36.0	1958
1959	27.7	24.8	20.3	17.9	24.3	47.1	70.8	78.6	68.9	82.3	55.7	47.5	45.6	1959
1960	35.7	32.0	25.8	21.5	35.9	62.1	81.6	55.9	36.0	28.3	23.9	21.3	38.9	1960
1961	19.6	17.3	15.4	15.4	18.6	23.5	22.2	30.1	23.0	18.0	14.7	13.7	19.4	1961
1962	14.4	14.2	13.7	14.0	13.2	16.6	17.5	26.7	29.3	23.1	19.3	17.0	18.2	1962
1963	14.9	15.3	15.8	15.2	18.6	22.6	81.8	85.5	61.3	48.7	61.3	55.7	45.4	1963
1964	49.3	41.5	33.5	28.2	44.2	69.2	89.5	72.7	51.1	38.1	29.5	24.7	47.7	1964
1965	21.2	18.6	15.9	15.2	15.8	20.4	47.1	43.6	27.2	20.6	17.5	15.5	23.1	1965
1966	15.3	16.5	16.0	15.1	21.1	29.1	47.5	37.9	25.4	20.4	18.8	16.6	23.4	1966
1967	19.5	17.0	17.2	16.7	16.6	38.5	40.3	49.6	33.2	26.5	24.4	24.0	27.9	1967
1968	26.1	22.8	21.4	20.8	24.0	43.5	74.4	68.7	58.4	51.1	43.5	37.3	41.2	1968
1969	30.9	25.1	18.7	18.4	28.7	28.4	22.2	21.5	56.7	72.9	66.7	56.1	37.4	1969
1970	49.9	35.9	27.3	22.8	29.5	36.1	35.7	64.9	61.2	84.1	63.5	54.9	44.7	1970
1972	32.9	37.0	39.6	22.1	26.9	37.6	44.3	52.9	48.8	62.0	38.7	31.7	37.8	1972
1973	36.4	32.4	31.8	25.0	35.4	37.9	46.8	52.0	48.5	44.1	40.2	38.4	38.0	1973
1974	32.7	15.8	11.3	6.86	15.9	23.1	29.1	53.7	64.5	80.2	55.0	52.8	35.2	1974
1975	51.5	48.6	44.8	41.0	56.5	67.3	65.4	55.3	46.9	42.0	35.8	23.4	48.2	1975
1976	26.1	23.3	---	---	25.8	27.7	10.4	7.13	21.4	21.3	28.0	21.1	---	1976
1977	23.9	18.0	17.8	---	11.0	9.91	9.33	15.2	23.5	11.8	13.4	10.8	---	1977
1978	11.3	10.6	12.9	8.03	10.8	12.6	11.1	14.9	20.9	17.0	14.0	12.2	13.0	1978
1979	11.4	10.3	13.1	14.1	14.2	15.4	36.5	27.4	21.6	17.0	14.1	12.8	17.4	1979
1980	13.1	16.0	14.4	14.1	20.9	21.2	17.6	13.8	14.3	13.2	14.2	14.0	15.5	1980
1981	15.4	13.6	13.5	12.1	13.2	11.8	8.86	7.78	9.09	13.1	11.4	9.67	11.7	1981
MEAN	23.1	20.3	18.6	16.6	21.8	29.1	37.3	38.9	35.5	31.5	29.0	25.5	28.3	MEAN

LOCATION - LAT 62 40 10 N LONG 114 15 45 W DRAINAGE AREA 11 300 km^2 REGULATED SINCE 1941

REMARKS - CONTRIBUTED DATA AVAILABLE FROM COMICO MINES

NORTHWEST TERRITORIES

YELLOWKNIFE RIVER AT INLET TO PROSPEROUS LAKE - STATION NO 07SB003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1939	---	18.7 ON AUG 29	10.2 ON APR 23	---	1939
1940	---	---	---	---	1940
1941	---	---	9.15 ON APR 25	---	1941
1942	---	78.3 ON JUL 18	13.2 ON MAY 18	---	1942
1943	---	33.7 ON SEP 11	8.728 ON FEB 22	537 000	1943
1944	---	28.3 ON APR 24	4.13 ON JUL 2	808 000	1944
		58.3 ON JUL 18	12.7 B ON APR 6	813 000	
1945	---	22.9 ON OCT 26	8.958 ON MAY 8	489 000	1945
1946	---	36.0 ON JUN 10	10.9 B ON APR 21	670 000	1946
1947	---	49.0 ON AUG 12	12.7 B ON APR 7	690 000	1947
1948	---	50.1 ON NOV 6	12.9 B ON APR 21	851 000	1948
1949	---	69.7 ON JUL 23	13.4 B ON DEC 28	942 000	1949
1950	---	24.0 ON SEP 2	11.2 B ON DEC 25	543 000	1950
1951	---	41.1 ON AUG 6	7.878 ON FEB 8	630 000	1951
1952	---	79.9 ON JUN 20	14.7 B ON MAR 28	1 150 000	1952
1953	---	38.8B ON DEC 30	4.508 ON APR 9	664 000	1953
1954	---	37.7 ON AUG 9	15.3 B ON MAY 2	812 000	1954
1955	---	69.4 ON JUL 6	13.9 B ON MAY 7	879 000	1955
1956	---	29.4 ON SEP 25	7.45 ON AUG 5	595 000	1956
1957	---	90.9 ON JUL 30	14.2 ON MAY 6	1 130 000	1957
1958	---	60.9 ON JUL 12	12.4 B ON MAY 3	1 130 000	1958
1959	---	91.2 ON JUL 29	15.7 B ON MAY 8	1 440 000	1959
1960	---	94.0 ON JUL 5	19.1 ON MAY 11	1 230 000	1960
1961	---	32.3 ON AUG 4	13.0 B ON DEC 10	611 000	1961
1962	---	36.2 ON AUG 22	8.50 ON JUL 17	576 000	1962
1963	---	96.3 ON JUL 26	14.0 B ON JAN 31	1 430 000	1963
1964	---	97.4 ON JUL 26 *	22.8 ON DEC 28	1 510 000	1964
1965	---	62.9 ON JUL 21	13.2 ON MAR 9	730 000	1965
1966	---	56.1 ON JUL 17	12.4 ON DEC 15	737 000	1966
1967	---	56.9 ON AUG 3	16.5 ON FEB 27	879 000	1967
1968	---	85.8 ON JUL 20	18.5 ON MAR 1	1 300 000	1968
1969	---	74.8 ON OCT 15	12.4 ON APR 18	1 180 000	1969
1970	---	66.5 ON NOV 1	22.2 ON APR 19	1 410 000	1970
1972	---	55.2 ON JUL 31	17.8 ON MAY 3	1 180 000	1972
1973	---	53.0 ON AUG 9	16.1 ON APR 30	1 230 000	1973
1974	---	70.8 ON SEP 5	6.51 ON MAY 3	1 110 000	1974
1975	---	74.5 ON JUN 27	17.8 ON DEC 12	1 520 000	1975
1976	---	---	---	---	1976
1977	---	---	---	---	1977
1978	---	24.3R ON SEP 6	7.07R ON APR 26	411 000	1978
1979	---	61.0 ON JUL 20	8.81 ON FEB 12	549 000	1979
1980	---	23.0R ON JUN 8	3.37R ON SEP 17	490 000	1980
1981	---	16.7 ON JAN 6	1.84 ON SEP 23 *	369 000	1981
				893 000	MEAN

B - ICE CONDITIONS

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1 1986

YELLOWKNIFE RIVER AT OUTLET BLUEFISH LAKE DAM - STATION NO 07SB005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1941	---	13.5	9.03	5.15	6.81	23.4	57.9	42.1	22.1	12.8	9.00	6.12	---	1941
1942	4.25	2.97	2.76	3.73	7.97	9.15	4.74	8.51	9.68	9.52	9.06	7.24	6.85	1942
1943	4.00	2.68	2.93	9.50	9.46	8.44	7.05	10.6	17.0	16.1	14.9	14.0	9.75	1943
1944	12.4	9.12	8.46	6.70	12.3	15.5	44.4	41.7	28.7	17.6	12.2	9.36	17.9	1944
1945	7.01	4.95	3.24	1.87	3.02	8.77	9.82	8.16	9.06	11.6	11.9	11.6	7.68	1945
1946	8.58	5.75	3.48	1.80	15.5	25.3	21.0	20.2	14.2	9.66	5.26	3.67	11.2	1946
1947	3.71	1.80	1.71	3.18	8.68	11.0	5.18	30.0	22.0	14.3	11.6	9.42	10.2	1947
1948	7.39	4.72	4.00	2.45	8.41	8.15	6.46	19.1	28.1	35.1	36.9	31.8	15.9	1948
1949	25.1	17.1	11.5	8.02	12.2	22.8	43.5	37.5	29.4	13.9	6.54	3.23	19.3	1949
1950	2.51	2.39	2.96	3.20	5.95	7.55	5.56	6.29	9.74	6.53	3.52	2.20	4.87	1950
1951	2.18	2.02	2.17	2.33	3.14	5.78	12.1	24.1	17.3	13.0	9.85	6.28	8.40	1951
1952	3.46	5.74	3.40	3.44	28.6	53.8	55.1	39.4	33.5	26.2	20.0	16.1	24.0	1952
1953	12.9	9.89	5.87	3.55	4.29	5.70	3.69	3.83	9.28	11.4	15.5	19.7	8.78	1953
1954	16.1	11.7	8.69	4.83	10.8	19.2	17.0	23.9	16.1	12.2	9.80	9.32	13.3	1954
1955	8.59	6.86	5.60	4.74	7.70	19.6	48.4	32.6	21.1	13.5	9.55	8.75	15.5	1955
1956	4.78	3.13	2.67	1.98	4.01	2.23	8.99	12.1	12.0	13.0	11.6	6.54	6.54	1956
1957	9.80	7.50	5.08	3.86	5.98	14.3	53.1	67.2	47.5	---	---	---	---	1957
MEAN	8.28	6.57	4.80	4.08	8.75	15.5	23.4	25.0	20.3	14.7	12.4	10.5	12.0	MEAN

LOCATION - LAT 62 41 00 N
LONG 114 16 00 W REGULATED

DATA CONTRIBUTED BY - COMINCO LIMITED

YELLOWKNIFE RIVER AT OUTLET BLUEFISH LAKE DAM - STATION NO. 07SB005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1941	---	71.1 ON JUL 16	4.13 ON MAY 9	---	1941
1942	---	23.5 ON SEP 11	0.481 ON SEP 15 *	210 000	1942
1943	---	19.3 ON SEP 13	1.27 B ON JAN 28	307 000	1943
1944	---	53.2 ON JUL 18	4.98 ON APR 10	588 000	1944
1945	---	16.7 ON JUL 2	1.42 ON MAY 16	242 000	1945
1946	---	27.0 ON JUN 10	1.56 ON APR 24	355 000	1946
1947	---	37.4 ON AUG 18	1.39 ON APR 5	321 000	1947
1948	---	38.8 ON NOV 8	2.07 ON APR 15	503 000	1948
1949	---	58.0 ON JUL 23	2.63 ON DEC 29	608 000	1949
1950	---	15.9 ON SEP 3	2.07 ON DEC 5	154 000	1950
1951	---	28.9 ON AUG 6	1.93 ON FEB 7	285 000	1951
1952	---	67.4 ON JUN 20	2.24 ON APR 2	758 000	1952
1953	---	28.9 ON DEC 30	1.61 ON APR 26	277 000	1953
1954	---	25.1 ON AUG 9	2.94 ON MAY 2	420 000	1954
1955	---	57.2 ON JUL 5	1.50 ON MAY 7	490 000	1955
1956	---	17.1 ON SEP 25	1.42 ON APR 4	207 000	1956
1957	---	78.7 ON JUL 30 *	1.93 ON MAY 6	---	1957
				379 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

YELLOWKNIFE RIVER AT OUTLET FROM PROSPEROUS LAKE - STATION NO. 07SB002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1937	---	---	---	---	---	---	113	92.4	83.9	70.1	57.1	43.4	---	1937
1938	36.4	29.5	24.2	19.9	22.2	33.5	34.2	36.4	36.3	27.6	19.8	20.3	28.4	1938
1939	18.8	16.9	15.7	13.8	15.4	16.9	15.7	15.8	18.7	18.1	16.4	---	---	1939
1940	14.5	13.6	12.6	12.0	12.8	15.4	15.7	19.8	32.8	---	---	---	---	1940
MEAN	23.2	20.0	17.5	15.2	16.8	21.9	44.7	41.1	42.9	38.6	31.1	31.9	28.4	MEAN

LOCATION - LAT 62 31 21 N LONG 114 09 32 W DRAINAGE AREA 16 300 km^2 NATURAL FLOW

YELLOWKNIFE RIVER AT OUTLET FROM PROSPEROUS LAKE - STATION NO. 07SB002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1937	---	124 ON JUL 4 *	---	---	1937
1938	---	38.5E ON AUG 30	18.1B ON APR 25	894 000	1938
1939	---	19.7 ON SEP 19	13.4E ON APR 20	---	1939
1940	---	---	11.7 ON APR 21 *	---	1940
				894 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

YELLOWKNIFE RIVER POWER DIVERSION AT SITE Y2 - STATION NO. 07SB006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1941	---	9.71	10.1	10.1	9.51	8.36	7.16	9.11	10.4	10.4	10.4	10.5	---	1941
1942	10.7	9.85	9.89	10.7	10.6	10.4	10.3	10.5	10.2	10.7	10.5	10.2	10.4	1942
1943	10.8	11.0	11.8	11.5	10.9	8.60	9.01	8.40	7.26	7.43	8.47	9.37	9.53	1943
1944	9.24	9.52	9.42	8.19	7.38	5.89	5.18	5.63	6.65	7.92	8.88	9.24	7.76	1944
1945	9.16	8.99	8.81	8.79	7.70	6.05	5.34	5.88	7.70	9.14	10.2	10.1	8.15	1945
1946	10.2	10.2	10.1	9.94	9.61	8.29	7.96	8.84	9.80	11.2	11.9	11.8	9.89	1946
1947	11.8	12.0	12.1	11.6	11.7	11.6	11.5	11.8	11.7	11.4	11.6	11.4	11.7	1947
1948	11.2	11.3	11.3	11.1	10.4	10.1	10.5	11.0	11.0	11.5	11.2	11.8	11.0	1948
1949	11.6	11.5	11.4	11.0	11.3	10.9	11.1	11.3	2.43	9.70	12.5	12.5	10.6	1949
1950	12.4	12.4	12.6	12.5	12.5	12.4	12.0	11.9	12.3	12.5	12.5	11.8	12.3	1950
1951	9.72	8.60	10.9	10.4	12.1	12.3	12.0	12.4	12.5	12.5	12.5	12.5	11.6	1951
1952	12.5	12.4	12.4	12.3	12.5	12.4	12.2	12.5	12.4	12.6	12.6	12.5	12.4	1952
1953	12.4	12.5	12.5	11.5	12.5	12.5	11.9	12.1	12.8	12.3	12.6	12.1	12.3	1953
1954	12.3	12.4	12.4	12.4	12.4	12.4	12.4	12.2	12.5	12.5	12.5	12.4	12.4	1954
1955	12.3	12.3	12.3	12.3	12.4	12.3	12.1	12.4	12.4	12.5	12.5	12.4	12.4	1955
1956	12.3	12.3	12.3	12.4	12.3	12.3	12.1	12.0	12.3	12.4	12.4	12.2	12.3	1956
1957	12.3	12.2	12.2	12.3	12.3	12.1	12.1	12.3	12.4	---	---	---	---	1957
MEAN	11.3	11.1	11.3	11.1	11.1	10.5	10.3	10.6	10.4	11.0	11.5	11.4	11.0	MEAN

LOCATION - LAT 62 40 00 N LONG 114 15 31 W DRAINAGE AREA 10 900 km^2 REGULATED

DATA CONTRIBUTED BY - COMINCO LIMITED

NORTHWEST TERRITORIES

YELLOWKNIFE RIVER POWER DIVERSION AT SITE Y2 - STATION NO. 07SB006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1941	---	11.5 ON OCT 1	0 ON JUL 25 *	---	1941
1942	---	11.6 ON FEB 5	5.66 ON JUL 1	327 000	1942
1943	---	12.4 ON MAR 11	0 ON JUL 2	301 000	1943
1944	---	10.1 ON MAR 15	0 ON JUL 1	245 000	1944
1945	---	10.9 ON NOV 12	1.53 ON JUL 2	257 000	1945
1946	---	12.4 ON DEC 16	3.20 ON JUN 30	315 000	1946
1947	---	12.6 ON JAN 30	5.32 ON JUL 1	369 000	1947
1948	---	13.1 ON OCT 2 *	5.18 ON SEP 6	348 000	1948
1949	---	12.7 ON NOV 6	0 ON SEP 7	335 000	1949
1950	---	12.7 ON MAR 13	6.91 ON SEP 3	389 000	1950
1951	---	12.6 ON AUG 28	5.95 ON FEB 8	365 000	1951
1952	---	12.7 ON SEP 16	7.39 ON JUL 20	394 000	1952
1953	---	12.7 ON NOV 16	0.595 ON APR 9	387 000	1953
1954	---	12.5 ON JAN 9	7.11 ON AUG 1	391 000	1954
1955	---	12.6 ON SEP 4	5.83 ON JUL 31	390 000	1955
1956	---	12.6 ON SEP 14	4.81 ON AUG 5	388 000	1956
1957	---	12.4 ON JUN 2	5.66 ON JUN 30	---	1957
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		347 000	MEAN

ZED CREEK NEAR INUVIK - STATION NO. 10ND003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	---	3.99	3.25	2.56	---	---	---	---	1978
1979	0	0	0	0	0	1.91	2.30	1.67	1.76	1.63	0.961	0.033	0.860	1979
1980	0	0	0	0	0	2.28	3.47	2.72	2.26	2.09	1.02	0.010	1.16	1980
1981	0	0	0	0	0	2.96	3.52	2.73	2.26	1.85	0.767	0.103	1.19	1981
1982	0	0	0	0	0	2.04	2.05	3.24	2.56	1.53	0.158	0.006	0.971	1982
MEAN	0	0	0	0	0	2.30	3.07	2.72	2.28	1.78	0.727	0.038	1.05	MEAN

LOCATION - LAT 68 56 37 N DRAINAGE AREA, 401 km^2
LONG 133 25 10 W NATURAL FLOW

ZED CREEK NEAR INUVIK - STATION NO. 10ND003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	---	4.25 ON JUL 16	---	---	1978
1979	2.77 AT 19 00 MST ON JUN 26	2.60 ON JUN 27	0B ON JAN 1 *	27 100	1979
1980	4.30 AT 11 00 MST ON JUN 30 *	4.28 ON JUN 30	0B ON JAN 1	35 600	1980
1981	---	4.42E ON JUN 26 *	0B ON JAN 1	37 500	1981
1982	---	4.10E ON JUN 15	0B ON JAN 1	30 600	1982
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		33 000	MEAN

NAME	STATION NO.	PAGE
YUKON TERRITORY		
AISHINIK RIVER BELOW AISHINIK LAKE	08AA010	1
AISHINIK RIVER NEAR WHITEHORSE	08AA001	1
ALSEK RIVER ABOVE BATES RIVER	08AB001	2
BABBAGE RIVER BELOW CARIBOU CREEK	10MD002	3
BEAVER RIVER BELOW WHITEFISH RIVER	10BD001	3
BIG CREEK NEAR THE MOUTH	09AH003	4
BIG SALMON RIVER NEAR CARMACKS	09AG001	4
BLACKSTONE RIVER NEAR CHAPMAN LAKE AIRSTRIP	10MA003	5
BONNET PLUME RIVER ABOVE GILLESPIE CREEK	10MB004	5
CLINTON CREEK ABOVE WOLVERINE CREEK	09EC001	6
DEZADEASH RIVER AT HAINES JUNCTION	08AA003	6
DONJEK RIVER BELOW KLUANE RIVER	09CA003	7
DUKE RIVER NEAR THE MOUTH	09CA004	8
EAGLE RIVER AT DEMPSTER HIGHWAY BRIDGE	09FB002	8
FIRTH RIVER NEAR THE MOUTH	10MD001	9
FORTYMILE RIVER NEAR THE MOUTH	09EC002	9
FRANCES RIVER NEAR WATSON LAKE	10AB001	10
GILTANA CREEK NEAR THE MOUTH	08AA009	10
HESS RIVER ABOVE EMERALD CREEK	09DA001	11
HYLAND RIVER AT KILOMETRE 108.5 NAHANNI RANGE ROAD	10AD002	11
INDIAN RIVER ABOVE THE MOUTH	09EB003	12
KATHLEEN RIVER NEAR HAINES JUNCTION	08AA004	12
KING CREEK AT KILOMETRE 20.9 NAHANNI RANGE ROAD	10AB003	13
KLONDIKE RIVER ABOVE BONANZA CREEK	09EA003	13
KLUANE RIVER AT OUTLET OF KLUANE LAKE	09CA002	14
LIARD RIVER AT UPPER CROSSING	10AA001	15
LITTLE SOUTH KLONDIKE RIVER BELOW ROSS CREEK	09EA005	16
LUBBOCK RIVER NEAR ATLIN	09AA007	17
M'CLINTOCK RIVER NEAR WHITEHORSE	09AB008	18
MACMILLAN RIVER NEAR THE MOUTH	09BB002	18
MAYO RIVER NEAR MAYO	09DC001	19
MCQUESTEN RIVER NEAR THE MOUTH	09DD004	19
NISUTLIN RIVER ABOVE WOLF RIVER	09AD001	20
NORDENSKIOLD RIVER BELOW ROWLINSON CREEK	09AH004	20
NORTH KLONDIKE RIVER NEAR THE MOUTH	09EA004	20
OGILVIE RIVER AT KILOMETRE 197.9 DEMPSTER HIGHWAY	10MA002	21
OLD CROW RIVER NEAR THE MOUTH	09FC001	21
PEEL RIVER ABOVE CANYON CREEK	10MA001	22
PELLY RIVER AT PELLY CROSSING	09BC001	23
PELLY RIVER AT ROSS RIVER	09BC002	24
PELLY RIVER BELOW FORTIN CREEK	09BA002	24
PELLY RIVER BELOW VANGORDA CREEK	09BC004	25
PORCUPINE RIVER AT OLD CROW	09FD001	25
PORCUPINE RIVER BELOW BELL RIVER	09FB001	26
RANCHERIA RIVER NEAR THE MOUTH	10AA004	27
ROSE CREEK BELOW FARO CREEK	09BC003	27
ROSS RIVER AT ROSS RIVER	09BA001	28
SEKULMUN RIVER AT OUTLET OF SEKULMUN LAKE	08AA008	28
SIDNEY CREEK AT KILOMETRE 46 SOUTH CANOL ROAD	09AD002	29
SNAKE RIVER ABOVE IRON CREEK	10MB001	29
SNAKE RIVER NEAR THE MOUTH	10MB003	30
SOUTH BIG SALMON RIVER BELOW LIVINGSTONE CREEK	09AG003	30
SOUTH MACMILLAN RIVER AT KILOMETRE 407 CANOL ROAD	09BB001	31
STEWART RIVER ABOVE FRASER FALLS	09DC003	31
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